Hellenic Accreditation System

Annex G1/Γ23 to the Certificate No. **662**-10

SCOPE of ACCREDITATION

of the

Clinical Laboratory

of the

PRIVATE COOPERATIVE DIAGNOSTIC LABORATORIES MEDISYN MEDICAL S.A.

Materials / Products tested	Types of test / Properties measured	Applied methods / Techniques used
Immunochemical Tests		
Blood serum	**Determination of 3 parameters**	**Automated immunochemical analyzer ROCHE e402* Δ.550, E.550-1, E550-2**
	1. Free β-HCG	Electrochemiluminescence (ECLIA) (non-competitive sandwich), COBAS
	2. PAPP-A	Electrochemiluminescence (ECLIA) (non-competitive sandwich), COBAS
	3. AMH	Electrochemiluminescence (ECLIA) (non-competitive sandwich), COBAS
Blood serum	**Determination of 37 parameters**	**Automated immunochemical analyzers Siemens Atellica* Δ.550, E.550-1, E550-2**
	1. Carcinoembryonic Antigen (CEA)	Chemiluminescence (CLIA) (non-competitive sandwich) ATELLICA 1 IM1, ATELLICA 3 IM1
	2. Cancer Antigen 15-3 (CA 15-3)	Chemiluminescence (CLIA) (non-competitive sandwich), ATELLICA 1 IM1, ATELLICA 3 IM1
	3. Cancer Antigen 125 (CA 125)	Chemiluminescence (CLIA) (non-competitive sandwich), ATELLICA 1 IM1, ATELLICA 3 IM1
	4. α-Fetoprotein (AFP)	Chemiluminescence (CLIA) (non-competitive sandwich) , ATELLICA 1 IM1, ATELLICA 3 IM1
	5. Prostate Specific Antigen (PSA)	Chemiluminescence (CLIA) (non-competitive sandwich), ATELLICA 1

		IM2, ATELLICA 2 IM2, ATELLICA 3 IM1, ATELLICA 3 IM2
	6. Free Prostate Specific Antigen (FPSA)	Chemiluminescence (CLIA) (non-competitive sandwich), ATELLICA 1 IM1, ATELLICA 3 IM1
	7. Ratio: FPSA/ PSA	Calculated
	8. Ferritin	Chemiluminescence (CLIA) (non-competitive sandwich), ATELLICA 1 IM2, ATELLICA 2 IM2, ATELLICA 3 IM1, ATELLICA 3 IM2
Blood serum (continued)	9.Vitamin B12	Chemiluminescence (CLIA) (competitive), ATELLICA 1 IM2, ATELLICA 2 IM2, ATELLICA 3 IM2
	10. Folate	Chemiluminescence (CLIA) (competitive), ATELLICA 1 IM2, ATELLICA 2 IM2, ATELLICA 3 IM2
	11. Thyroid-stimulating hormone (TSH)	Chemiluminescence (CLIA) (non-competitive sandwich), ATELLICA 1 IM1, ATELLICA 2 IM1, ATELLICA 3 IM3
Blood serum	12.Total Thyroxine (TT4)	Chemiluminescence (CLIA) (competitive), ATELLICA 1 IM1, ATELLICA 2 IM1, ATELLICA 3 IM3
	13. Total Triidothyronine (TT3)	Chemiluminescence (CLIA) (competitive), ATELLICA 1 IM1, ATELLICA 2 IM1, ATELLICA 3 IM3
	14. Free Thyroxine (FT4)	Chemiluminescence (CLIA) (competitive), ATELLICA 1 IM1, ATELLICA 2 IM1, ATELLICA 3 IM3
	15. Free Triidothyronine (FT3)	Chemiluminescence (CLIA) (competitive), ATELLICA 1 IM1, ATELLICA 2 IM1, ATELLICA 3 IM3
	16. 25-OH Vitamin D	Chemiluminescence (CLIA) (competitive), ATELLICA 1 IM2, ATELLICA 2 IM2, ATELLICA 3 IM1, ATELLICA 3 IM2, ATELLICA 3 IM3
	17.Anti-thyroglobulin antibodies (anti-TG)	Chemiluminescence (CLIA) (competitive), ATELLICA 1 IM1, ATELLICA 2 IM1, ATELLICA 3 IM3
	18. Anti-thyroid peroxidase antibodies (anti-TPO)	Chemiluminescence (CLIA) (competitive), ATELLICA 1 IM1, ATELLICA 2 IM1, ATELLICA 3 IM3
	19. Cortisol	Chemiluminescence (CLIA) (competitive), ATELLICA 1 IM2, ATELLICA 3 IM2
	20. C-Peptide	Chemiluminescence (CLIA) Non-competitive , ATELLICA 1 IM2, ATELLICA 3 IM1
	21. Insulin	Chemiluminescence (CLIA) Non-competitive , ATELLICA 1 IM1,ATELLICA 3 IM1
	22. Index of insulin resistance /HoMA-IR	Calculated from Insulin / (GLU)
Blood serum (continued)	23. β-Human Chorionic Gonadotropine (β-HCG)	Chemiluminescence (CLIA) (non-competitive sandwich) ATELLICA 1 IM2, ATELLICA 3 IM1
	24. Progesterone (PRG)	Chemiluminescence (CLIA)

		(competitive), ATELLICA 1 IM2, ATELLICA 3 IM1
	25. Estradiol (E2)	Chemiluminescence (CLIA) (competitive), ATELLICA 1 IM2, ATELLICA 3 IM1
	26. Testosterone Total (TT)	Chemiluminescence (CLIA) (competitive), ATELLICA 1 IM1, ATELLICA 3 IM2
	27. Free Testo (FTc)	Calculated from (T.T) , (SHBG) , (ALB)
	28. FAI, Free androgen index	Calculated from (T.T) and (SHBG)
	29. Dihydroepiandrosterone Sulfate (DHEA-S)	Chemiluminescence (CLIA) (competitive), ATELLICA 1 IM1, ATELLICA 3 IM2
	30. Sex hormone-binding globulin (SHBG)	Chemiluminescence (CLIA)) (non-competitive sandwich), ATELLICA 1 IM1, ATELLICA 3 IM2
	31. Follicle Stimulating Hormone (FSH)	Chemiluminescence (CLIA)) (non-competitive sandwich), ATELLICA 1 IM2, ATELLICA 3 IM1
	32. Luteinizing Hormone (LH)	Chemiluminescence (CLIA)) (non-competitive sandwich), ATELLICA 1 IM2, ATELLICA 3 IM1
	33. Prolactin (PRL)	Chemiluminescence (CLIA)) (non-competitive sandwich), ATELLICA 1 IM2, ATELLICA 3 IM1
	34. Δ4 Androstenedione	Chemiluminescence (CLIA) (competitive) , ATELLICA 1 IM1, ATELLICA 3 IM2
	35. Troponine I high sensitivity (hs-TnI)	Chemiluminescence (CLIA) non-competitive, ATELLICA 1 IM1, ATELLICA 3 IM2
	36. Immunoglobulin E (IgE)	Chemiluminescence (CLIA) (non-competitive sandwich), ATELLICA 1 IM2, ATELLICA 3 IM2
Blood serum or blood plasma (EDTA)	37. Parathyroid hormone (intact) (iPTH)	Chemiluminescence (CLIA) (non-competitive sandwich), ATELLICA 1 IM2, ATELLICA 3 IM3
Blood serum	**Determination of 2 parameters**	**Automated immunochemical analyzer Maglumi Snibe * Δ.550, E.550-1, E550-2**
	1. 17-OH Progesterone	Chemiluminescence (CLIA) competitive, MAGLUMI 2000
	2. Free Testosterone (FTc)	Chemiluminescence (CLIA) competitive, MAGLUMI 2000
Blood serum (continued)	**Determination of 5 parameters**	**Automated immunochemical analyzer Immulite 2000 SIEMENS* Δ.550, E.550-1,**

		E550-2
	1. Gastrin	Chemiluminescence (CLIA) Non-competitive, IMMULITE 2
	2. Unconjugated estriol (uE3)	Chemiluminescence (CLIA) competitive, IMMULITE 3
	3. Calcitonin (CT)	Chemiluminescence (CLIA) Non-competitive, IMMULITE 1, IMMULITE 2
	4. Cancer Antigen 19-9 (CA 19-9)	Chemiluminescence (CLIA) Non-competitive, IMMULITE 1, IMMULITE 2
Blood plasma (EDTA)	5. Adrenocorticotropic hormone (ACTH)	Chemiluminescence (CLIA) Non-competitive, IMMULITE 1, IMMULITE 2
Blood serum	**Determination of 5 parameters**	**Automated immunochemical analyzers DiaSorin Liaison express * Δ.550, E.550-1, E550-2**
	1.Aldosterone	Chemiluminescence (CLIA) competitive, LIAISON XL 1, LIAISON XL 2
	2. Growth Hormone (HGH)	Chemiluminescence (CLIA) (Non-competitive), LIAISON XL 1, LIAISON XL 2
	3. 1,25-Dihydroxyvitamin D (Calcitriol)	Chemiluminescence (CLIA) competitive, LIAISON XL 1, LIAISON XL 2
	4. Insulin-like growth factor 1 (somatomedin C ,IGF I)	Chemiluminescence (CLIA) (Non-competitive), LIAISON XL 1, LIAISON XL 2
Blood plasma (EDTA)	5. Renin	Chemiluminescence (CLIA) (Non-competitive), LIAISON XL 1, LIAISON XL 2
Blood serum	**Determination of 13 specific proteins**	**Automated biochemistry analyzers Siemens Atellica* Δ.550, E.550-1, E550-2**
	1. Complement C3	Immunoturbidimetry(ITA), ATELLICA 1 CH, ATELLICA 2 CH
	2. Complement C4	Immunoturbidimetry(ITA), ATELLICA 1 CH, ATELLICA 2 CH
	3. Antistreptolysine O (ASTO)	Immunoturbidimetry(ITA), ATELLICA 1 CH, ATELLICA 2 CH
	4.Reumatoid Factor (RF) - quantitative	Immunoturbidimetry(ITA), ATELLICA 1 CH, ATELLICA 2 CH
	5.C Reactive Protein (CRP) - quantitative	Immunoturbidimetry(ITA), ATELLICA 1 CH, ATELLICA 2 CH
	6. Immunoglobulin A (IgA)	Immunoturbidimetry(ITA), ATELLICA 1 CH, ATELLICA 2 CH
	7. Immunoglobulin G (IgG)	Immunoturbidimetry(ITA), ATELLICA 1 CH, ATELLICA 2 CH
	8. Immunoglobulin M (IgM)	Immunoturbidimetry(ITA), ATELLICA 1 CH, ATELLICA 2 CH
	9. LpA	Immunoturbidimetry(ITA), ATELLICA 1 CH, ATELLICA 2 CH
Blood serum (continued)	10. ApoA1	Immunoturbidimetry(ITA), ATELLICA 1 CH, ATELLICA 2 CH
	11.ApoB	Immunoturbidimetry(ITA), ATELLICA 1 CH, ATELLICA 2 CH
	12.ApoA1/ApoB	Calculated from: ApoA1 / ApoB
	13. β2-Microglobulin	Immunoturbidimetry(ITA), ATELLICA

		1 CH, ATELLICA 2 CH
	Determination of 5 drugs level	**Automated biochemistry analyzer SIEMENS Atellica * Δ.550, E.550-1, E550-2**
	1. Carbamazepine	Immunoturbidimetry(ITA) ATELLICA 3 CH
	2.Valproic Acid (VPA)	Immunoturbidimetry(ITA) ATELLICA 3 CH
	3.Digoxin	Immunoturbidimetry(ITA) ATELLICA 3 CH
	4.Phenobarbital	Immunoturbidimetry(ITA) ATELLICA 3 CH
	5.Phenytoin	Immunoturbidimetry(ITA) ATELLICA 3 CH
	Determination of 202 Specific IgE for allergens	**3gAllergy Specific IgE Universal Kit* Automated immunology Analyzers Immulite 2000 SIEMENS* Δ.550, E.550-1, E550-2**
	Quantitative measurement of Allergen-Specific IgE	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	1. C1 Penicillin G	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	2. C2 Penicillin V	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	3. C70 Insulin, Porcine	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	4. C71 Insulin, Bovine	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	5. C73 Insulin, Human	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	6. C203 Ampicillin	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	7. C204 Amoxicillin	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	8. D1 House dust mite (Dermatophagoides pteronyssinus)	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	9. D2 House dust mite (Dermatophagoides farinae)	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	10. D3 House dust mite (Dermatophagoides microceras)	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	11. D70 Storage mite (Acarus siro)	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	12. D71 Storage mite (Lepidogluphus destructor)	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	13. D72 Storage mite (Tyrophagus putrescentiae)	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1

	14. D73 Storage mite (Glycyphagus domesticus)	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	15. D74 House dust mite (Euroglyphus maynei)	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	16. E1 Cat dander-epithelium	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	17. E2 Dog epithelium	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	18. E3 Horse dander	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	19. E4 Cow dander	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	20. E5 Dog dander	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	21. E7 Pigeon droppings	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	22. E70 Goose feathers	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	23. E71 Mouse epithelium	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	24. E72 Mouse urine	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	25. E78 Burderigar feathers	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	26. E80 Goat epithelium	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	27. E81 Sheep epithelium	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	28. E82 Rabbit epithelium	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	29. E85 Chicken feathers	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	30. E86 Duck feathers	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	31. E201 Canary feathers	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	32. F1 Egg white	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	33. F2 Milk	Specific IgE, Chemiluminescence

		(CLIA) IMMULITE 1
	34. F3 Codfish	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	35. F4 Wheat	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	36. F5 Rye	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	37. F6 Barley	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	38. F7 Oat	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	39. F8 Corn	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	40. F9 Rice	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	41. F10 Sesame seed	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	42. F12 Green pea	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	43. F13 Peanut	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	44. F14 Soybean	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	45. F15 White bean	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	46. F17 Hazelnut	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	47. F18 Brazil nut	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	48. F20 Almond	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
Blood serum (continued)	49. F23 Crab	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	50. F24 Shrimp	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	51. F25 Tomato	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	52. F26 Pork	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1

	53. F27 Beef	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	54. F31 Carrot	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	55. F33 Orange	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	56. F35 Potato	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	57. F36 Coconut	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	58. F37 Blue mussel	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	59. F40 Tuna	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	60. F41 Salmon	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	61. F44 Strawberry	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	62. F45 Baker's wheat	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	63. F47 Garlic	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	64. F48 Onion	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	65. F49 Apple	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	66. F50 Chub mackerel	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	67. F59 Octopus	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	68. F61 Sardine	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	69. F75 Egg yolk	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	70. F76 Alpha lactalbumin	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	71. F77 Beta Lactoglobulin	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	72. F78 Casein	Specific IgE, Chemiluminescence

		(CLIA) IMMULITE 1
	73. F79 Gluten	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	74. F80 Lobster	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	75. F81 Cheddar cheese	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	76. F82 Cheese,mold	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	77. F83 Chicken meat	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	78. F84 Kiwi fruit	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	79. F85 Celery	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	80. F86 Parsley	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	81. F87 Melon	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	82. F88 Lamb	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	83. F89 Mustard	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	84. F90 Malt	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	85. F92 Banana	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	86. F93 Cocoa	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	87. F94 Pear	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
Blood serum (continued)	88. F95 Peach	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	89. F105 Chocolate	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	90. F202 Cashew	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	91. F204 Trout	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1

	92. F208 Lemon	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	93. F210 Pineapple	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	94. F212 Mushroom	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	95. F214 Spinach	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	96. F215 Lettuce	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	97. F216 Cabbage	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	98. F221 Coffee	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	99. F222 Tea	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	100. F225 Pumpkin	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	101. F231 Boiled milk	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	102. F235 Lentil	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	103. F237 Apricot	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	104. F242 Cherry	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	105. F245 Egg	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	106. F247 Honey	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	107. F255 Plum	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	108. F256 Walnut	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	109. F258 Squid	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	110. F259 Grape	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	111. F260 Broccoli	Specific IgE, Chemiluminescence

		(CLIA) IMMULITE 1
	112. F262 Eggplant	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	113. F284 Turkey meat	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	114. F291 Cauliflower	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	115. F299 Chestnut	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	116. F302 Mandarin (Tangerine)	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	117. F320 Cray fish	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	118. F358 Artichoke	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	119. G1 Sweet Vernal Grass	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	120. G2 Bermuda grass	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	121. G3 Orchard grass	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	122. G4 Meadow fescue	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	123. G5 Perennial rye grass	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	124. G6 Timothy grass	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	125. G7 Common reed grass	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
Blood serum (continued)	126. G8 June grass (Kentucky blue)	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	127. G9 Red top	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	128. G10 Johnson grass	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	129. G11 Brome grass	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	130. G12 Cultivated Rye grass	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1

	131. G13 Velvet grass	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	132. G14 Cultivated Oat grass	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	133. G15 Cultivated Wheat grass	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	134. G16 Meadow foxtail grass	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	135. G70 Wild rye grass	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	136. G202 Cultivated corn	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	137. H1 House dust-Greer	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	138. H2 House dust-Hollister Stier	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	139. I1 Honeybee venom	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	140. I2 White-faced hornet	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	141. I3 Yellow jacket venom	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	142. I4 Paper wasp venom	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	143. I5 Yellow hornet	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	144. I6 Cockroach	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	145. I71 Mosquito	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	146. I75 European hornet-Vespa crabro	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	147. I204 Horsefly	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	148. K20 Wool	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	149. K74 Silk	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	150. K82 Latex	Specific IgE, Chemiluminescence

		(CLIA) IMMULITE 1
	151. O1 Cotton	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	152. O201 Tobacco	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	153. P1 Ascaris	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	154. M1 Penicillium notatum	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	155. M2 Cladosporium herbarum	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	156. M3 Aspergillus fumigatus	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	157. M4 Mucor racemosus	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	158. M5 Candida albicans	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	159. M6 Alternaria tenuis (Alternata)	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	160. M7 Botrytis cinerea	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	161. M8 Helminthosporium halodes	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	162. M9 Fusarium moniliforme	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	163. M11 Rhizopus nigricans	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	164. M15 Trichoderma viride	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
Blood serum (continued)	165. M16 Curvularia lunata	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	166. T1 Maple	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	167. T2 Alder	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	168. T3 Birch	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	169. T4 Hazelnut	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1

	170. T5 Beech	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	171. T6 Mountain Cedar	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	172. T7 Oak	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	173. T8 Elm	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	174. T9 Olive	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	175. T10 Walnut	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	176. T11 Sycamore	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	177. T12 Willow	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	178. T14 Cottonwood	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	179. T15 White ash	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	180. T16 White pine	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	181. T18 Eucalyptus	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	182. T19 Acacia longifolia	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	183. T23 Italian cypress	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	184. T70 White Mulberry	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	185. T201 Spruce	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	186. T210 Privet	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	187. W1 Short/Common Ragweed (Ambrosia elatior)	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	188. W2 Western Ragweed	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	189. W5 Wormwood	Specific IgE, Chemiluminescence

		(CLIA) IMMULITE 1
	190. W6 Mugwort	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	191. W7 Ox-Eye daisy	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	192. W8 Dandelion	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	193. W9 English plantain	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	194. W10 Lamb's quarters	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	195. W11 Russian Thistle	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	196. W12 Goldenrod	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	197. W13 Cocklebur	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	198. W14 Rough pigweed	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	199. W18 Sheep sorrel	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	200. W19 Parietaria officinalis	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	201. W20 Nettle	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	202. W21 Parietaria judaica	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
Blood serum (continued)	**Determination of 20 Specific IgE for allergens mix**	**3gAllergy Specific IgE Universal Kit* Automated immunology Analyzers Immulite 2000 SIEMENS* Δ.550, E.550-1, E550-2**
	1. EP1 (EX1) Epidermals mix (Including allergens E1,E3, E4, E5)	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	2. EP2 (EX2) Domestic pets mix (Including allergens E1, E5, E6, E87, E88)	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	3. KP1 (EX5) Bed materials mix (Including allergens E3, E4, E70, E85)	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	4. EP71 (EX71) Farm fowl mix (Including allergens E70, E85,	Specific IgE, Chemiluminescence

	E86, E89)	(CLIA) IMMULITE 1
	5. FP1 (FX01) Nut mix (Including allergens F13, F17, F18, F20, F36)	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	6. FP2 (FX02) "Fish/Shell mix" (Including allergens F3, F24, F37, F40, F41)	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	7. FP3 (FX03) "Cereal mix" (Including allergens F4, F7, F8, F10, F11)	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	8. FP13 (FX13) "Vegetable mix" (Including allergens F12, F15, F31, F35)	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	9. FP73 (FX04) Meat mix (Including allergens F26, F27, F83, F88)	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	10. FP15 (FX15) Fruit mix 1 (Including allergens F33, F49, F92, F95)	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	11. FP50 (FX16) Fruit mix 2 (Including allergens F84, F91, F92, F210)	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	12. GP1 (GX1) Grass mix (Early blooming) (Including allergens G3, G4, G5, G6, G8)	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	13. GP04 (GX2) Grass mix (Late blooming) (Including allergens G2, G5, G6, G8, G10, G17)	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	14. HP1 (HX1) House mix 1 (Including allergens D1, D2, H1, I6)	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	15. MP1 (MX1) Mold mix (Including allergens M1, M2, M3, M5, M6)	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	16. TP5 (TX5) Tree mix (Early blooming) (Including allergens T2, T4, T8, T12, T14)	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	17. TP6 (TX6) Tree mix (Late blooming) (Including allergens T1, T3, T5, T7, T10)	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	18. WP3 (WX3) Weed mix 1 (Including allergens W6, W9, W10, W12, W20)	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	19. WP5 (WX5) Weed mix 2 (Including allergens W1, W6, W7, W8, W12)	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	20. WP6 (WX6) Weed mix 3 (Including allergens W9, W10, W11, W18)	Specific IgE, Chemiluminescence (CLIA) IMMULITE 1
	Determination of 98 Specific IgE for allergens	**ImmunoCAP®Specific IgE* Automated immunology Analyzer Phadia 250* Δ.550, E.550-1, E550-2**
	1. c1 Penicillin G	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	2. c2 Penicillin V	Specific IgE, Fluorimetric enzyme-linked

		immunoassay (FEIA), PHADIA 250
	3. c5 Ampicillin	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	4. c6 Amoxicillin	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	5. c7 Cefaclor	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	6. c73 Human Insulin	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	7. c74 Gelatin bovine	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	8. d1 Dermatophagus pteron	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	9. d2 Dermatophagus farinae	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	10. d202 rDer p 1, House dust mite	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	11. d205 rDer p 10, House dust mite	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	12. e1 Cat dander	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	13. e201 Canary bird feathers	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	14. e5 Dog dander	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	15. e71 Mouse epithelium	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	16. f1 Egg white	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	17. f10 Sesame seed	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	18. f13 Peanut	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	19. f14 Soya bean	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
Blood serum (continued)	20. f17 Hazelnut	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	21. f2 Cow milk	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	22. f20 Almond	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	23. f202 Cashew nut	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	24. f203 Pistachio	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	25. f215 Lettuce	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	26. f216 Cabbage	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	27. f225 Pumpkin	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	28. f232 nGal d 2 Ovalbumin,Egg	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250

	29. f233 nGal d 1 Ovomucoid,Egg	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	30. f237 Apricot	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	31. f253 Pine nut	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	32. f256 Walnut	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	33. f258 Squid	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	34. f260 Broccoli	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	35. f284 Turkey meat	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	36. f3 Haddock	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	37. f300 Goat milk	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	38. f302 Mandarin	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	39. f309 Chickpea	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	40. f313 Anchovy	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	41. f328 Fig	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	42. f4 Wheat	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	43. f420 rPru p 3, Peach	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	44. f433 rTri a 14, Wheat	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	45. f75 Egg yolk	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	46. f76 a-Lactalbumin	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	47. f77 b-Lactoglobulin	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	48. f78 Casein	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	49. f89 Mustard	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	50. f96 Avocado	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	51. g5 5 Rye-grass	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	52. g12 Cultivated rye	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	53. g16 Meadow foxtail	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	54. g2 Bermuda grass	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	55. g202 Corn	Specific IgE, Fluorimetric enzyme-linked

		immunoassay (FEIA), PHADIA 250
	56. g205 rPhl p 1, Timothy gr. pollen	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	57. g214 rPhl p 7, rPhl p 12, Timothy gr. pollen	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	58. g215 rPhl p 5b, Timothy gr. pollen	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	59. g216 nCyn d 1, Bermuda gr. pollen	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	60. g6 Timothy Grass	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	61. g8 Meadow grass	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	62. h1 House dust Gr. labs	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	63. h2 House dust 2	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	64. i1 Honeybee	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	65. i2 White Faced Hornet	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	66. i208 rApi m 1, Honeybee	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	67. i209 rVes v 5, Common Wasp	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	68. i210 rPol d 5, Eur.Paper Wasp	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	69. i211 rVes v 1, Common Wasp	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	70. i3 Common Wasp	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	71. i4 Paper Wasp	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
Blood serum (continued)	72. i75 European Wasp	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	73. i77 Eur.Paper Wasp	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	74. k84 Sunflower seed	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	75. m1 Penicillium notatum	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	76. m2 Cladosporium herbarum	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	77. m3 Aspergillus fumigatus	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	78. m6 Alternaria alternata	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	79. p4 Anisakis	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	80. t11 Platanus acerifolia	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	81. t12 Willow	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250

	82. t16 White Pine	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	83. t18 Eucalyptus	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	84. t19 Acacia	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	85. t2 Grey alder	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	86. t21 Melaleuca	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	87. t224 rOle e 1, Olive tr. pollen	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	88. t226 nCup a 1, Cypress pollen	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	89. t23 Italian Cypress	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	90. t3 Common Silver birch	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	91. t7 Oak	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	92. t9 Olive Tree	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	93. w1 Common Ragweed	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	94. w19 Parietaria officinalis	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	95. w21 Parietaria judaica	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	96. w211 rPar j 2, Wall pellitory pollen	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	97. w6 Common Wormwood	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	98. w9 Plantago lanceolata	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	Determination of 4 Specific IgE for allergens mix	**ImmunoCAP®Specific IgE* Automated immunology Analyzer Phadia 250* Δ.550, E.550-1, E550-2**
	1. 1. fx5 Food mix f1, f2, f3, f4, f13, f14	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	2. 2. gx1 Mix g3,g4,g5,g6,g8	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	3. 3. mx1 Mix of fungi m1, m2, m3,m6	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	4. 4. tx7 Mix t9,t12,t16,t18,t19,t21	Specific IgE, Fluorimetric enzyme-linked immunoassay (FEIA), PHADIA 250
	Determination of 2 parameters	**Automated immunology Analyzers Abbott Alinity * Δ.550, E.550-1, E550-2**
	1. Thyroglobulin Tg	Chemiluminescent microparticle immunoassay (CMIA), ALINITY 1, ALINITY 2
	2. Total Homocysteine (HCY)	Chemiluminescent microparticle immunoassay (CMIA) Competitive,

		ALINITY 1, ALINITY 2
	Detection of 10 antibodies	**Automated immunology Analyzers SIEMENS Atellica*** **Δ.550, Ε.550-1, Ε550-2**
	1. Hepatitis C IgG antibodies (Anti-HCV)	Chemiluminescence (CLIA) competitive, ATELLICA 1 IM1, ATELLICA 2 IM1
	2. Human immunodeficiency virus type 1/O & 2 (HIV-1/O & 2) antibodies	Chemiluminescence (CLIA) competitive, ATELLICA 1 IM1, ATELLICA 2 IM1
	3. Cytomegalovirus IgG antibodies (CMV IgG)	Chemiluminescence (CLIA), ATELLICA 1 IM2, ATELLICA 2 IM2
	4. Cytomegalovirus IgM antibodies (CMV IgM)	Chemiluminescence (CLIA), ATELLICA 1 IM2, ATELLICA 2 IM2
	5. Toxoplasma IgG antibodies (TOXO IgG)	Chemiluminescence (CLIA), ATELLICA 1 IM2, ATELLICA 2 IM2
	6. Toxoplasma IgM antibodies (TOXO IgM)	Chemiluminescence (CLIA), ATELLICA 1 IM2, ATELLICA 2 IM2
	7. Rubella virus IgG antibodies (Rubella IgG)	Chemiluminescence (CLIA), ATELLICA 1 IM2, ATELLICA 2 IM2
	8. Rubella virus IgM antibodies (Rubella IgM)	Chemiluminescence (CLIA), ATELLICA 1 IM2, ATELLICA 2 IM2
	9. Herpes I IgG antibodies (HSV I IgG)	Chemiluminescence (CLIA) non competitive ATELLICA 3 IM3
	10. Herpes II IgG antibodies (HSV II IgG	Chemiluminescence (CLIA) non competitive ATELLICA 3 IM3
	Detection of 8 antibodies	**Automated immunology Analyzers Abbott Alinity*** **Δ.550, Ε.550-1, Ε550-2**
	1. Hepatitis B virus surface antigen (HBsAg)	Chemiluminescent microparticle immunoassay (CMIA non-competitive), ALINITY 1, ALINITY 2
Blood serum (continued)	2. Hepatitis B virus core total antibodies (HBcAb)	Chemiluminescent microparticle immunoassay (CMIA non-competitive), ALINITY 1, ALINITY 2
	3. Hepatitis B virus surface antibodies (HBsAb)	Chemiluminescent microparticle immunoassay (CMIA non-competitive), ALINITY 1, ALINITY 2
	4. Hepatitis A virus IgG antibodies (Anti-HAV IgG)	Chemiluminescent microparticle immunoassay (CMIA non-competitive), ALINITY 1, ALINITY 2
	5. Hepatitis A virus IgM antibodies (Anti-HAV IgM)	Chemiluminescent microparticle immunoassay (CMIA non-competitive), ALINITY 1, ALINITY 2
	6. Anti-cyclic Citrullinated Peptide (Anti-CCP)	Chemiluminescent microparticle immunoassay (CMIA non-competitive), ALINITY 1, ALINITY 2
	7. Epstein-Barr IgG antibodies (EBV anti-VCA IgG)	Chemiluminescent microparticle immunoassay (CMIA non-competitive), ALINITY 1, ALINITY 2
	8 Epstein-Barr IgM antibodies. (EBV anti-VCA IgM)	Chemiluminescent microparticle immunoassay (CMIA non-competitive), ALINITY 1, ALINITY 2

Blood serum (continued)		

Blood serum (continued)		

Blood serum (continued)		

Blood serum (continued)		

Blood serum (continued)		

Blood serum (continued)		

Blood serum (continued)		

Blood serum (continued)		
Blood serum	**Determination of 1 parameter**	**Automated immunochemical analyzer Maglumi Snibe * Δ.550, E.550-1, E550-2**

	1. Herpes I & II IgM antibodies (HSV I & II IgM)	Chemiluminescence (CLIA) non competitive MAGLUMI 2000
Biochemical Tests		
Blood serum	**Determination of 43 parameters**	**Automated biochemistry analyzers Siemens Atellica * Δ.550, E.550-1, E550-2**
	1.Total Cholesterol(TC)	Enzymatic - Colorimetric (CHOD - PAP), ATELLICA 1 CH, ATELLICA 2 CH
	2. HDL Cholesterol (HDL-C)	Enzymatic - Colorimetric (PEG), ATELLICA 1 CH, ATELLICA 2 CH
	3. Triglycerides (TGs)	Enzymatic - Colorimetric (GPO - PAP), ATELLICA 1 CH, ATELLICA 2 CH
	4. VLDL Cholesterol (VLDL-C)	Calculated fromTRIG
	5. Atherogenic index ((TC)/ (HDL-C))	Calculated from (TC) / (HDL-C)
	6.Non-HDL-C	Calculated from (TC) - (HDL-C)
	7. Total Lipids	Calculated fromCHOL and TRIG
	8. Phospholipids	Calculated from CHOL
Blood serum (continued)	9. Iron (Fe)	Colorimetric (Ferrozine), ATELLICA 1 CH, ATELLICA 2 CH
	10. Transferrin Saturation (TfS)	Calculated from Fe and TIBC
	11. Albumin (ALB)	Colorimetric (BCP), ATELLICA 1 CH, ATELLICA 2 CH
	12. Total Proteins (TP)	Colorimetric (Biuret), ATELLICA 1 CH, ATELLICA 2 CH
	13.Total globin (SF)	Calculated from: (TP) - (ALB)
	14. Albumin/Globin ratio	Calculated from: (ALB) / SF
	15. Calcium Total (Ca)	Colorimetric (OCPC), ATELLICA 1 CH, ATELLICA 2 CH, ATELLICA 3 CH
	16. Magnesium (Mg)	Colorimetric (Xylidyl blue), ATELLICA 1 CH, ATELLICA 2 CH
	17. Phosphate (P)	Colorimetric (Phosphomolybdate), ATELLICA 1 CH, ATELLICA 2 CH, ATELLICA 3 CH
	18. Glucose(GLU)	Enzymatic - Colorimetric (GOD - PAP), ATELLICA 1 CH, ATELLICA 2 CH
	19. Creatinine (CREA)	Colorimetric (Jaffe), ATELLICA 1 CH, ATELLICA 2 CH, ATELLICA 3 CH
	20.Urea	Enzymatic - Kinetic - Colorimetric (Urease) , ATELLICA 1 CH, ATELLICA 2 CH
	21. Serum osmolality	Calculated from: (GLU) (Na) and (UREA),
	22.Nitrogen serum	Calculated from: (UREA)
	23. Uric Acid (UA)	Enzymatic - Colorimetric (Uricase -Peroxidase), ATELLICA 1 CH, ATELLICA 2 CH

	24. Aspartate Aminotransferase (AST/SGOT)	Colorimetric (IFCC**), ATELLICA 1 CH, ATELLICA 2 CH
	25. Alanine Aminotransferase (ALT/SGPT)	Colorimetric (IFCC**), ATELLICA 1 CH, ATELLICA 2 CH
	26. Gamma-Glutamyl transferase (γGT)	Enzymatic - Colorimetric L-γ-glutamyl-3-carboxy-4-nitroanilide, ATELLICA 1 CH, ATELLICA 2 CH
	27. Alkaline Phosphatase (ALP)	Colorimetric (IFCC**), ATELLICA 1 CH, ATELLICA 2 CH
	28. Creatine Kinase (CK/CPK)	Enzymatic - Colorimetric (IFCC**), ATELLICA 1 CH, ATELLICA 2 CH
	29. Total Bilirubin (TBIL)	Colorimetric DPD, ATELLICA 1 CH, ATELLICA 2 CH
	30. Direct Bilirubin (DBIL)	Colorimetric DPD, ATELLICA 1 CH, ATELLICA 2 CH
	31. Indirect Bilirubin (IBIL)	Calculated fromTBIL and DBIL
	32. Amylase (AMY)	Enzymatic - Colorimetric IFCC** (G7-PNP), ATELLICA 1 CH, ATELLICA 2 CH
	33. Total Iron Binding Capacity (TIBC)	Colorimetric (Chromazurol B), ATELLICA 1 CH, ATELLICA 2 CH
	34. LDL cholesterol	Elimination/catalase, ATELLICA 1 CH, ATELLICA 2 CH
	35. Lipase	Enzymatic –spectrometric, ATELLICA 3 CH
	36. ACE (angiotensin-converting enzyme	Enzymatic –spectrometric, ATELLICA 3 CH
	37. Lactate Dehydrogenase (LDH)	Enzymatic - Colorimetric (L-P), ATELLICA 1 CH, ATELLICA 2 CH
	38. Transferrin (Trf)	Polyethylene glycol (PEG) enhanced immunoturbidimetric assay, ATELLICA 2 CH
	39. Potassium (K)	Ion Selective Electrode (ISE), ATELLICA 1 CH, ATELLICA 2 CH, ATELLICA 3 CH
	40. Sodium (Na)	Ion Selective Electrode (ISE), ATELLICA 1 CH, ATELLICA 2 CH, ATELLICA 3 CH
	41. Chlore (Cl)	Ion Selective Electrode (ISE), ATELLICA 1 CH, ATELLICA 2 CH, ATELLICA 3 CH
	42. Zinc (Zn)	Chromogenic (5-Br-PAPS, DRC-ICP-MS) – photometric, ATELLICA 3 CH
Blood serum (continued)	43. Lithium (Li)	Colorimetric end point, ATELLICA 1 CH
Blood serum	**Determination of 1 specific protein**	**Automated biochemistry analyzer Siemens Atellica * Δ.550, E.550-1, E550-2**
	High Sensiticity C Reactive Protein (hsCRP) - quantitative	Immunoturbidimetry(ITA), ATELLICA 3 CH

Urine	**Determination of 5 parameters**	**Automated biochemistry analyzers Siemens Atellica* Δ.550, E.550-1, E550-2**
	1. Calcium Total (Ca)	Colorimetric (OCPC), ATELLICA 1 CH, ATELLICA 2 CH, ATELLICA 3 CH
	2. Creatinine (CREA)	Colorimetric (Jaffe), ATELLICA 1 CH, ATELLICA 2 CH, ATELLICA 3 CH
	3. Phosphate (P)	Phosphomolybdate /UV, ATELLICA 1 CH, ATELLICA 2 CH, ATELLICA 3 CH
	4. Urine Microalbumin	Polyethylene glycol (PEG) enhanced immunoturbidimetric, ATELLICA 1 CH, ATELLICA 3 CH
	5.Total Protein (Urine)	Colorimetric, ATELLICA 1 CH, ATELLICA 3 CH
Blood serum	**Determination of 1 parameter**	**Automated Electrophoresis System SEBIA Capillarys* Δ.550, E.550-1, E550-2**
	Protein Electrophoresis	Capillary Electrophoresis, CAPILLARY TERA 2
Hematological Tests		
Whole Blood (EDTA)	**Determination of 1 parameter**	**High performance liquid chromatography (HPLC) analyzers G11, TOSOH Biosciences* Δ.550, E.550-1, E550-2**
	1.Determination of Glycated Haemoglobin A1c (HbA_{1C})	Ion-exchange high performance liquid chromatography (HPLC) , G11 1, G11 2, G11 3,G11 4
	Determination of 1 parameter	**Automated High resolution Electrophoresis System SEBIA CAPILLARYS 3 TERA**
	1.Determination of Hb A2 (HbA_2)	High Resolution Capillary Electrophoresis, CAPILLARY TERA 1
	Determination of 10 parameters	**Automated haematological analyzers ADVIA 2120i, SIEMENS* Δ.550, E.550-1, E550-2**
	1. Haemoglobin (HBG)	Photometric, ADVIA 2120i 1, ADVIA 2120i 2
	2. Red blood cells (RBC)	Flow cytometry, ADVIA 2120i 1, ADVIA 2120i 2
	3. Mean corpuscular volume (MCV)	Flow cytometry, ADVIA 2120i 1, ADVIA 2120i 2
	4. White blood cells (WBC)	Flow cytometry, ADVIA 2120i 1, ADVIA 2120i 2
	5. Platelets (PLTs)	Flow cytometry, ADVIA 2120i 1, ADVIA 2120i 2
	6. Haematocrit (HCT)	Calculated : % = RBC x MCV/10
	7. Mean corpuscular haemoglobin (MCH)	Calculated : HBG /RBC
	8. Mean cell haemoglobin concentration (MCHC)	Calculated : (HBG /RBC) x MCV
	9. Red blood cell distribution width (RDW)	Flow cytometry, ADVIA 2120i 1, ADVIA 2120i 2
	10. Mean platelet volume (MPV)	Flow cytometry, ADVIA 2120i 1,

		ADVIA 2120i 2
Blood Coagulation Tests		
Blood plasma (citrate)	**Determination of 9 parameters**	**Automated Coagulation Analyzer Sysmex CS5100* Δ.550, E.550-1, E550-2**
	1. Prothrombin time (PT sec)	Clot detection, SYSMEX CS 5100
	2. Prothrombin time (PT %)	Clot detection, SYSMEX CS 5100
	3. Prothrombin time (International Normalized Ratio, PTINR)	Clot detection, SYSMEX CS 5100
	4. Activated partial prothrombin time (APPT)	Clot detection, SYSMEX CS 5100
	5. Fibrinogen activity (FIB)	Clot detection, SYSMEX CS 5100
	6. D-Dimer	Immunoturbidimetric assay, SYSMEX CS 5100
	7. Antithrombin III (AT III)	Colorimetric, SYSMEX CS 5100
	8. Protein C reactivity	Colorimetric, SYSMEX CS 5100
	9. Free Proteun S Antigen	Immunoturbidimetric assay, SYSMEX CS 5100
Immunology Tests		
Blood serum	**Determination of 2 parameters**	**AP16IF PLUS / Immunofluorescence microscopy**
	1.Antinuclear antibodies (ANA)	Indirect Immunofluorescence (IFA), AP32, AP22, AP ELITE16 I, AP ELITE 16II
	2.IgA-endomysial antibodies (EmA)	Indirect Immunofluorescence (IFA), AP32, AP22, AP ELITE16 I, AP ELITE 16II
	Determination of 9 parameters	**BIOCLIA 6500 HOB Δ.550, E.550-1, E550-2**
	1. Antibodies to Extractable Nuclear Antigens (anti-ENA)	Χημειοφωταύγεια Μικροσωματίων(CMIA) (Ανοσοδοκιμασία δύο σταδίων), BIOCLIA 6500 I
	2. Anti- double stranded deoxyribonucleic acid antibodies (anti-dsDNA)	Χημειοφωταύγεια Μικροσωματίων(CMIA) (Ανοσοδοκιμασία δύο σταδίων), BIOCLIA 6500 I
	3. Anti-cardiolipin IgG antibodies (aCL IgG)	Χημειοφωταύγεια Μικροσωματίων(CMIA) (Ανοσοδοκιμασία δύο σταδίων), BIOCLIA 6500 I
	4. Anti-cardiolipin IgM antibodies (aCL IgM)	Χημειοφωταύγεια Μικροσωματίων(CMIA) (Ανοσοδοκιμασία δύο σταδίων), BIOCLIA 6500 I
	5. Anti-beta-2-glycoprotein I IgG antibodies (aβ2GPI IgG)	Χημειοφωταύγεια Μικροσωματίων(CMIA) (Ανοσοδοκιμασία δύο σταδίων), BIOCLIA 6500 I
	6. Anti-beta-2-glycoprotein I IgM antibodies IgM (aβ2GPI IgM)	Χημειοφωταύγεια Μικροσωματίων(CMIA) (Ανοσοδοκιμασία δύο σταδίων), BIOCLIA 6500 I
	7. Anti-Deamidated Gliadin Peptide IgG antibodies (a-DGP	Χημειοφωταύγεια Μικροσωματίων(CMIA)

	IgG)	(Ανοσοδοκιμασία δύο σταδίων), BIOCLIA 6500 I
	8. Anti-Deamidated Gliadin Peptide IgA antibodies (a-DGP IgA)	Χημειοφωταύγεια Μικροσωματίων(CMIA) (Ανοσοδοκιμασία δύο σταδίων), BIOCLIA 6500 I
	9. Anti-tissue transglutaminase IgA antibodies (anti-tTG IgA)	Χημειοφωταύγεια Μικροσωματίων(CMIA) (Ανοσοδοκιμασία δύο σταδίων), BIOCLIA 6500 I
	Determination of 1 parameter	**Automated immunology analyzer LIAISON XS* Δ.550, E.550-1, E550-2**
Whole Blood	1. QuantiFERON-TB Gold Plus-Interferon-γ release assay for detection of latent tuberculosis (LBTI)	Chemiluminescence (CLIA) LIAISON® QuantiFERON®-TB Gold Plus, LIAISON XS
Molecular diagnosis Tests		
Whole Blood -EDTA	**Determination of 8 parameters**	**Lightcycler 480ii**
	1. Detection of ΔF508 p.Phe508del) mutation of CFTR gene	Real-time PCR (qPCR) (LightSNiP CFTR Δ508F, TIB MOLBIOL)* O.590-4
	2. Detection of Factor V G1691A (FV-Leiden) mutation	Real-time PCR (qPCR) (LightMix® in-vitro diagnostics kit Factor V (Leiden)*, TIB MOLBIOL) O.590-5
	3. Detection of Factor II G20210A mutation	Real-time PCR (qPCR) (LightMix® in-vitro diagnostics kit Factor II, TIB MOLBIOL)* O.590-6
	4. Detection of MTHFR C677T mutation	Real-time PCR (qPCR) (LightMix® in-vitro diagnostics kit MTHFR C677T, TIB MOLBIOL)* O.590-7
	5. Detection of MTHFR A1298C mutation	Real-time PCR (qPCR) (LightMix® in-vitro diagnostics kit MTHFR A1298C, TIB MOLBIOL)* O.590-7
	6. Detection of PAI-1 4G/5G mutation	Real-time PCR (qPCR) (LightMix® in-vitro diagnostics kit PAI-1, TIB MOLBIOL)* O.590-8
	7. Detection of HLA B27 allele (4060)	Real-time PCR (qPCR) (LightMix® in-vitro diagnostics HLA B-27, TIB MOLBIOL)* O.590-16
Nasopharyngeal, nasal, pharyngeal and / or oral sample, bronchoalveolar lavage.	8. Detection of RNA of SARS-CoV-2 virus / Qualitative	TaqPath™ COVID-19 Kit Thermo Fisher Scientific Inc. **Extraction**ZYBIO 3000 **Amplification**QuantStudio 5Quantstudio 5DX
	Determination of 3 parameters	**Automated PCR system Roche cobas® 5800**

Cervical samples collected in cobas®PCR Cell Collection Media (Roche Molecular Systems, Inc.), PreservCyt® (Hologic Corp.), SurePath® (BD Diagnostics-TriPath)	1. Human papillomavirus (HPV) detection & differentiation of high risk strains 16 & 18	Real-time PCR (qPCR) (cobas 5800 HPV Test, ROCHE)* O.590-54
Blood serum or blood plasma (EDTA)	2. Detection & quantification of hepatitis B virus (HBV)	Real-time PCR (qPCR) (cobas HBV, ROCHE)* O.590-52
	3. Detection & quantification of hepatitis C virus (HCV)	Real-time PCR (qPCR) (cobas HCV, ROCHE)* O.590-53
Whole Blood -EDTA	**Determination of 2 parameters**	**Applied Biosystems 9700 GeneAmp and SimpliAmp PCR thermal cycler**
	1. Molecular typing of HLA-B histocompatibility antigens	PCR- reverse hybridization (INNOLIPA HLA-B update plus, Fujirebio)* O.590-34
	2. Genetic control of 13 predisposing genetic factors for thrombophilia and Venous thromboembolism (VTE)	PCR- reverse hybridization (CVD StipAssay GRC, Vienna Lab)* O.590-36
	Determination of 3 parameters	**Applied Biosystems 9700**
	1. Molecular typing of HLA-A histocompatibility antigens	PCR- reverse hybridization (INNOLIPA HLA-A update, Fujirebio)* O.590-32
	2. Molecular detection of polymorphisms in the thiopurine-S-methyltransferase (TPMT) gene	PCR- reverse hybridization (PGX-TPMT StipAssay, Vienna Lab)* O.590-33
	3. Diagnostic evaluation of hereditary hemochromatosis (HFE)	PCR- reverse hybridization (Haemochromatosis StipAssay B, Vienna Lab)* O.590-9
	Determination of 4 parameters	**DNBSeq – G400 (MGI) & ABI SeqStudio Genetic Analyzer**
Whole Blood -EDTA	1a. Detection of mutations of the BRCA1 and BRCA2 genes 1b. Confirmation and testing of familial mutation of the BRCA1 and BRCA2 genes.	1α. Next Generation Sequencing (Agilent kit)* O.590-47(DNBSeq – G400) 1β. Sanger Sequencing (reagents from Applied Biosystems & Invitrogen ThermoFisher Scientific)* O.590-48 (ABI SeqStudio Genetic Analyzer) Analysis of results using the Varsome Clinical CE IVD platform and the JSI Medical Systems platform as a confirmatory platform in NGS (for parameter 1a) and the SnackVar software for Sanger Sequencing analysis (for parameter 1b).
	2a. Detection of mutations of the BRCA1 and BRCA2 genes 2b. Confirmation and testing of familial mutations of the BRCA1 and BRCA2 genes	2a. Next Generation Sequencing (Agilent kit)* O.590-47 (DNBSeq – G400) 2b. Sanger Sequencing (reagents from Applied Biosystems & Invitrogen ThermoFisher Scientific)* O.590-48 (ABI SeqStudio Genetic Analyzer)

Whole Blood -EDTA (continued)	2c. Detection of large genomic rearrangements of the BRCA1 and BRCA2 genes	2c. Multiplex ligation-dependent probe amplification (MLPA) (reagents from MRC Holland)* O.590-46 (ABI SeqStudio Genetic Analyzer). Analysis of results using the Varsome Clinical CE IVD platform and the JSI Medical Systems platform as a confirmatory platform in NGS (for parameter 2a) and the SnackVar software for Sanger Sequencing analysis (for parameter 2b). The Coffalyzer.Net platform (MRC Holland) is used for MLPA analysis (for parameter 2c).
	3a. Detection of CFTR gene mutations 3b. Confirmation and control of a familial mutation in the CFTR gene.	3a. Next Generation Sequencing (Agilent kit)* O.590-50 (DNBSeq – G400) 3b. Sanger Sequencing (Applied Biosystems & Invitrogen ThermoFisher Scientific reagents)* O.590-51 (ABI SeqStudio Genetic Analyzer) Analysis of results using the Varsome Clinical CE IVD platform and the JSI Medical Systems platform as a confirmatory platform in NGS (for trial 3a) and the SnackVar program for Sanger Sequencing analysis (for trial 3b).
	4a. Detection of CFTR gene mutations 4b. Confirmation and control of a familial mutation in the CFTR gene. 4c. Detection of large genomic rearrangements in the CFTR gene.	4a. Next Generation Sequencing (Agilent kit)* O.590-50 (DNBSeq – G400) 4b. Sanger Sequencing (Applied Biosystems & Invitrogen ThermoFisher Scientific reagents)* O.590-51 (ABI SeqStudio Genetic Analyzer) 4c. Multiplex ligation-dependent probe amplification (MLPA) (MRC Holland reagents)* O.590-49 (ABI SeqStudio Genetic Analyzer). Analysis of results using the Varsome Clinical CE IVD platform and the JSI Medical Systems platform as a confirmatory platform in NGS (for trial 4a) and the SnackVar program for Sanger Sequencing analysis (for trial 4b). The Coffalyzer.Net platform (MRC Holland) is used for MLPA analysis (for test 4c).
	Determination of 1 parameter	**Fully integrated and automated molecular diagnostic analyzer Abbott Alinity m**
Cervical samples	Qualitative DNA detection of L1 epitope, of 14 high-risk (HR)	Abbott Alinity m CE-IVD • HR HPV AMP kit Ref. 09N15-090

collected in Brush or spatula for endocervical collection in: • ThinPrep® solution • or PreservCyt® • or SurePath™ • or Alinity m Cervi-Collect Specimen Collection Kit • or in virus transport media.	genotypes (16, 18, 31, 33, 35, 39, 45 51, 52, 56, 58, 59, 66 and 68), of Human Papilloma Viruses (HPV), in clinical samples. (HPV-DNA TEST Real-Time PCR) for primary asympromatic screening	• HR HPV CTRL Kit Ref. 09N15-080
Peripheral blood karyotype		
Whole blood	Peripheral blood karyotype	ZEISS Microscope, ICARUS METASYSTEMS software

**Mention of the trade name of the analyst refers to a specific analytical method and corresponding work protocol*
*** IFCC: International Federation of Clinical Chemistry*
****Deutsche Gesellschaft für Klinische Chemie*

Site of assessment: **Permanent Laboratory premises, 38 Konstantinoupoleos av., GR-11854, Athens, Greece.**

Approved signatories: **Ch. Dinas, S. Vytiniotis, N. Papamichalopoulos, N. Plumis, K. Tzika, I. Mantoglou, M. Androulakis, M. Fasomytakis.**

This scope of Accreditation replaces the previous one dated 16.03.2026.
The Accreditation Certificate No. **662**-10, to ELOT EN ISO 15189:2022, is valid until 21.03.2031**.**

Athens, 08th April 2026

Evangelos Apostolos Konstantinou
CEO of ESYD