

PRA International - Early Development Services
Bioanalytical Research

List of Speciality Assays

All assays can be performed according to GLP guidelines if requested

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Analyte	Species and Matrix	Technique	Range	Therapeutic Area	Active
1,25-dihydroxyvitamin D (1,25-(OH) ₂ D)	Human Plasma / Serum	RIA		Metabolism	no
11b-13,14PGF ₂ a	Human Serum	RIA	7.80 - 1.00 pg/mL	Allergy & Immunology	no
11-dehydro TXB ₂	Human Urine	ELISA	45.0 - 3000 pg/mL	Coagulation	yes
11-desoxycortisol	Human Plasma / Serum	RIA	0.500 - 25.0 ng/mL	Endocrinology	yes
12(s)-hete	Human Serum / Urine	ELISA	200 - 50.000 pg/mL	Endocrinology	no
15(s)-hete	Human Serum / Urine	ELISA	80.0 - 20.000 pg/mL	Endocrinology	no
17-hydroxyprogesterone	Human Plasma/Serum/Urine	RIA	0.300 - 60.5 nmol/L	Endocrinology	yes
19-hydroxy prostaglandin E1	Human Serum / Urine	-	-	Coagulation	no
19-nortestosterone	Human Serum	ELISA	0.0200 - 1.00 ng/mL	Endocrinology	no
2,5-OAS	Human Serum	RIA	10.0 - 810 pmol/dL	Allergy & Immunology	yes
25-hydroxy vitamin D	Human Plasma	RIA	4.00 - 400 nM	Metabolism	no
3,4-dihydroxyphenylglycol (DHPG)	Human Plasma	HPLC	100 - 5000 pg/mL	Endocrinology	no
5-hydroxy-3-indole acetic acid	Human Urine	ELISA	0.200 - 55.0 mg/L	Endocrinology	no
6-beta hydroxcortisol	Human Urine	LC-MS/MS	5.00 - 500 ng/mL	Endocrinology	no
6b-Hydroxycortisol	Human Urine	ELISA	133 - 2649 pmol/L	Endocrinology	no
6b-Hydroxycortisol	Human Urine	LC-MS/MS	5.00 - 500 ng/mL	Endocrinology	yes
ACE activity	Human Serum	RIA	1.42 - 45.3 ACE units	Metabolism	yes
Acetamide	Human Serum	ELISA	-	General	no
Acetylcholine Esterase Activity	Human Rbc	ELISA	-	CNS	no
Acid Folic	Human Serum	ELISA	-	Haematology	no
ACTH	Human Plasma	IRMA	5.00 - 1450 pg/mL	Endocrinology	yes
ACTH	Human Plasma	RIA	2.20 - 289 pmol/L	Endocrinology	yes
ADH (vasopressin)	Human Plasma	RIA	1.25 - 80.0 pg/mL	Endocrinology	no
ADH (vasopressin)	Human Urine	RIA	1.25 - 80.0 pg/mL	Endocrinology	no
Adiponectin	Human Serum	ELISA	3.90 - 250 ng/mL	Cardiovascular	yes
Adrenaline	Human Serum	ELISA	1.50 - 150 ng/mL	Cardiovascular	yes
Adrenaline	Human Urine	HPLC	2.50 - 1000 ng/mL	Cardiovascular	yes
Albumin	Human Urine	RIA	2.50 - 60.0 µg/mL	Nefrology	yes
Aldosteron	Human Plasma / Serum	RIA	69.0 - 3330 pmol/mL	Endocrinology	yes
Alpha Foetoprotein	Human Serum	ELISA	0.200 - 500 IU/mL	Oncology	no
Alpha GST	Human Serum	ELISA	1.25 - 40.0 µg/L	Hepatology	yes
a-MSH	Rat Plasma	RIA	5.00 - 300 pmol/L		yes
Amyloid Beta	Human Plasma / Serum	ELISA	0.00 - 1000 pg/mL	CNS	no
Androstenedione	Human Plasma / Serum	ELISA	0.10 - 10.0 ng/mL	Endocrinology	no
Androstenedione	Human Serum	RIA	0.350 - 21.0 nmol/L	Endocrinology	yes
Angiotensin converting enzyme	Human Serum	RIA	1.42 - 45.3 ACE units	Cardiovascular	no
Angiotensin I	Human Plasma	RIA	2.50 - 320 pg/mL	Cardiovascular	yes
Angiotensin I	Human Plasma	RIA	2.50 - 320 pg/mL	Cardiovascular	yes
Angiotensin II	Human Plasma	RIA	1.9 - 478 pmol/L	Cardiovascular	yes
ANP	Human Plasma	ELISA	7.80 - 1000 pg/mL	Cardiovascular	no
ANP	Human Urine	ELISA	320 - 5000 fmol/mL	Cardiovascular	no
Antigen-specific antibody response	Human Serum	ELISA	-	Allergy & Immunology	no
Arginine-vasopressin (AVP, ADH)	Human Plasma	RIA	1.00 - 64.0 pg/mL	Endocrinology	yes
B- and NK-cells (CD3/CD16+CD56/ CD45/ CD19)	Human Whole Blood	Flowcytometry	-	Immunology	yes
Beta-2-Microglobulin	Human Serum / Urine	IRMA	± 10.0 miu/mL	Nefrology	yes
BNP	Human Plasma	RIA	117 - 627 pg/mL	Cardiovascular	yes
Bradykinin	Human Plasma	ELISA	-	Hypertension	no
C3A des arg	Human Plasma	ELISA	0.313 - 20 ng/mL	Allergy & Immunology	yes
cAMP	Human Urine	ELISA	0.029 - 3.00 pmol/mL	General	no
cAMP	Human Plasma	RIA	0.0506 - 90.3 nmol/L	General	yes
CD-14	Human Plasma / Serum	ELISA	-	Allergy & Immunology	no
CD-23	Human Plasma / Serum	ELISA	-	Allergy & Immunology	no
CD25 expression on CD4 and CD8 T-cells	Human Whole Blood	Flowcytometry	-	Immunology	yes
cGMP	Human Plasma / Serum	ELISA	0.16 - 100 pmol/mL	General	no

Analyte	Species and Matrix	Technique	Range	Therapeutic Area	Active
Cholecystokinin (CCK)	Human Plasma	RIA	0.78 - 25.0 pmol/L	Metabolism	no
Cholesterol (total)	Human Plasma	LC-MS/MS	1.00 - 15.0 mmol/L	General	yes
Cholinesterase Inhibition	Human CSF	Enzyme Inhibition	-	CNS	no
Cholinesterase Inhibition	Human Rbc	Enzyme Inhibition	-	CNS	no
Chorionic Gonadotropin, beta subunit	Human Serum	ELISA	0.00 - 100 IU/mL	Oncology	no
Chorionic Gonadotropin, free	Human Serum	RIA	0.10 - 100 mIU/mL	Oncology	no
Chromogranin A	Human Plasma	RIA	0.156 - 5.00 nmol/L	Endocrinology	no
Cortisol	Human Urine	ELISA	10.0 - 300 ng/mL	Endocrinology	yes
Cortisol	Human Urine	LC-MS/MS	1.00 - 100 ng/ml	Endocrinology	yes
Cortisol	Human Plasma	RIA	10.0 - 500 µg/L	Endocrinology	yes
C-peptide	Human Serum	ELISA	0.075 - 7.24 pmol/mL	Metabolism	yes
C-telopeptide	Human Urine	ELISA	0.0800 - 5.40 µg/mL	Metabolism	yes
Cyclosporin	Human Blood	LC/MS	5.00 - 5000 ng/mL	Allergy & Immunology	no
Cyproteron acetate	Human Plasma	HPLC	11.1 - 556 ng/mL	Endocrinology	no
Cytidine Deaminase Act. Protein analysis	Human White Blood Cells (Lysed)	ELISA	-	Allergy & Immunology	no
Cytidine Deaminase Act. Urine	Human Blood Mononucleated Leukocytes	LC/MS	-	Allergy & Immunology	no
Decarboxy Prothrombin (PIVKA II)	Human plasma	ELISA	-	Coagulation	no
Desacyl ghrelin	Human plasma	ELISA	12.5 - 800 fmol/mL	Metabolism	yes
Digoxin	Human Serum	RIA	0.25 - 8.00 ng/mL	General	no
Dihydroepiandrosterone (DHA)	Human Plasma / Serum	RIA	-	Endocrinology	no
Dihydroepiandrosterone Sulfate (DHEA)	Human Serum	RIA	1.00 - 300 ng/mL	Endocrinology	yes
Dihydrotestosterone	Human Serum	RIA	25.0 - 12.00 pg/mL	Endocrinology	yes
Dopamine	Human Plasma	HPLC	10.0 - 3000 ng/mL	CNS	yes
DPP-IV	Human Serum	Fluorometric	-	Metabolism	yes
EDN	Human Urine	ELISA	0.250 - 16.0 ng/mL	yes	yes
Elastase-1	Human Faeces	ELISA	50.0 - 500 ug/g	yes	yes
Endothelin-1	Human Plasma	ELISA	1.23 - 10.6 fmol/mL	Cardiovascular	yes
Eotaxin	Human Plasma / Serum	ELISA	7.80 - 500 pg/mL	Respiratory	no
Equilin	Human Serum	ELISA	-	CNS	no
Erythropoetin	Human Serum	ELISA	2.00 - 64.0 mIU/mL	Haematology	yes
Erythropoetin	Human Serum / Urine	IRMA	10.00 - 1000 ng/mL	Haematology	no
Estradiol	Human Plasma	LC-MS/MS	2.00 - 2000 pg/mL	Endocrinology	yes
Estradiol	Human Serum	RIA	0.020 - 1.84 nmol/L	Endocrinology	yes
Estradiol	Human Plasma / Serum	RIA	10.0 - 1000 pg/mL	Endocrinology	yes
Estradiol (total)	Human Urine	HPLC-RIA	0.062 - 5.00 nmol/L	Endocrinology	no
Estradiol 17 beta	Human Serum	RIA	10.0 - 1000 pg/mL	Endocrinology	yes
Estriol	Human Plasma / Serum	RIA	10.0 - 1000 pg/mL	Endocrinology	no
Estrone	Human Serum	RIA	0.0500 - 5.00 µg/L	Endocrinology	no
Estrone (total)	Human Serum	ELISA	25.0 - 2000 pg/mL	Endocrinology	no
Ethinylestradiol	Human Plasma	LC-MS/MS	10.0 - 1000 pg/mL	Endocrinology	no
Fenofibric Acid	Human Plasma	LC/MS	-	General	no
Ferritin	Human Serum	ELISA	5.00 - 1000 ng/mL	Haematology	no
Follicle Stimulating Hormone (FSH)	Human Serum	ELISA	0.0500 - 40.0 mIU/mL	Endocrinology	yes
Follicle Stimulating Hormone (FSH)	Human Serum	ELISA	5.00 - 146 mIU/mL	Endocrinology	no
Follicle Stimulating Hormone (FSH)	Human Urine	RIA	2.00 - 100 mIU/mL	Endocrinology	no
Fraxatin (161-180)	Human Plasma / Serum	ELISA	-	Metabolism	no
Free Triiodothyronine 3 FT3	Human Serum	ELISA	0.00 - 19.0 pg/mL	Endocrinology	no
Free Triiodothyronine 4 FT4	Human Serum	ELISA	0.00 - 7.00 ng/dL	Endocrinology	no
Fructosamine	Human Serum	ELISA	15.0 - 1730 µmol/L	Metabolism	no
GAD-AB (antib. to Glutamic acid Decarboxylase)	Human Serum	RIA	-	Metabolism	no
Gastrin	Human Serum	RIA	15.6 - 500 pmol/L	Metabolism	yes
G-CSF	Human Plasma	ELISA	39.1 - 2500 pg/mL	Oncology	yes
Glicentin	Human Plasma / Serum	ELISA	-	Gastrointestinal	no
Glucagon	Human Serum albumin	RIA	25.0 - 1000 pg/mL	Metabolism	yes
Glucagon like peptide 1 (GLP-1)	Human Plasma (Dpp-4)	ELISA	2.00 - 100 pM	Metabolism	yes
Glucagon like peptide 1 total (GLP-1 total)	Human Plasma	RIA	3.33 - 333 pM	Metabolism	yes
Glucose-dep. Insulinotropic peptide (GIP)	Human Plasma (aprotinin)/Serum	ELISA	8.2 - 666.7 pg/mL	Metabolism	yes
Glutathion	Human Plasma	ELISA	30.0 - 500 uM	Hepatology	no
GM-CSF	Human Plasma	ELISA	50.0 - 2000 pg/mL	Haematology	yes
Granulocyte Colony Stimulating factor (G-CSF)	Human Plasma	ELISA	50.0 - 2000 pg/mL	Oncology	no
Heat Shock Protein 27 (Hsp27)	Human Serum	ELISA	0.390 - 25.0 ng/mL	General	no
Heat Shock Protein 60 (Hsp60)	Human Serum	ELISA	7.81 - 250 ng/mL	General	no
Heat Shock Protein 70 (Hsp70)	Human Serum	ELISA	31.25 - 1,000 ng/mL	General	no
Helicobacter pylori antibodies	Human Serum	ELISA	0.200 - 6.50	Gastrointestinal	yes
H-FABP	Human serum	ELISA	200 - 10000 pg/mL	Cardiovascular	yes
HMG-CoA reductase	Human Serum	Enzymatic	-	Cardiovascular	no
Human growth hormone (hGH)	Human Serum	RIA	1.50 - 30.0 ug/L	Endocrinology	yes
Human Parathyroid Hormone PTH	Human Plasma	IRMA	0.827 - 164 pmol/L	Endocrinology	no
Human Parathyroid Hormone PTH (intact)	Human Plasma / Serum	ELISA	-	Endocrinology	no
iC3b	Human Plasma	ELISA	0.254 - 0.627 ug/mL	Allergy & Immunology	yes
IFN-gamma	Whole blood	ELISA	0.850 - 28 IU/mL	Immunology	yes
IgA	Human Plasma	ELISA	0.850 - 28.0 IU/mL	Allergy & Immunology	no
IGF-1 (insuline-like growth factor)	Human Serum	IRMA	4.50 - 640 ng/mL	Metabolism	yes
IGF-BP3	Human Serum	RIA	0.625 - 40.0 ng/mL	Endocrinology	no

Analyte	Species and Matrix	Technique	Range	Therapeutic Area	Active
IgG	Human Serum	RIA	0.625 - 40.0 ng/mL	Endocrinology	no
Inhibin B	Human Plasma / Serum	ELISA	5.00 - 1000 pg/mL	Allergy & Immunology	yes
Inosine	Human Serum	ELISA	10.0 - 1000 pg/mL	Allergy & Immunology	no
Inosine	Human Urine	LC/MS	-	CNS	no
Insulin	Human plasma	LC/MS	-	CNS	no
Insulin (free)	Human Serum	ELISA	4.00 - 135 uIU/mL	Metabolism	yes
Insulin (total)	Human Plasma	ELISA	5.00 - 500 µIU/mL	Metabolism	yes
Insulin; zinc insulin (PK validation)	Human Serum	ELISA	10.0 - 500 µIU/mL	Metabolism	yes
Inter Cellular Adhesion Molecule -1 (ICAM-1)	Human Serum	ELISA	-	Allergy & Immunology	no
Inter Cellular Adhesion Molecule -2 (ICAM-2)	Human Serum	ELISA	-	Allergy & Immunology	no
Inter Cellular Adhesion Molecule -3 (ICAM-3)	Human Serum	ELISA	-	Allergy & Immunology	no
Interferon alpha	Human Plasma	RIA	-	Allergy & Immunology	no
Interferon beta	Human Serum	ELISA	0.391 - 400 ng/mL	Allergy & Immunology	no
Interferon gamma	Human Plasma / Serum	ELISA	250 - 10,000 pg/mL	Allergy & Immunology	no
Interferon gamma	Human Plasma, Medium Supernat.	ELISA	0.850 - 28.0 IU/mL	Allergy & Immunology	no
Interleukin-1 (IL-1)	Human Plasma / Serum	ELISA	3.90 - 250 pg/mL	Allergy & Immunology	no
Interleukin-10 (IL-10)	Human Plasma, medium supernat.	ELISA	14.6 - 1600 pg/mL	Allergy & Immunology	no
Interleukin-12 (IL-12)	Human Plasma	ELISA	7.80 - 500 pg/mL	Allergy & Immunology	no
Interleukin-13 (IL-13)	Human Plasma / Serum	ELISA	39.1 - 2500 pg/mL	Allergy & Immunology	no
Interleukin-15 (IL-15)	Human Plasma / Serum	ELISA	39.0 - 2500 pg/mL	Allergy & Immunology	no
Interleukin-16 (IL-16)	Human Plasma / Serum	ELISA	23.4 - 1500 pg/mL	Allergy & Immunology	no
Interleukin-17 (IL-17)	Human Plasma / Serum	ELISA	15.0 - 1000 pg/mL	Allergy & Immunology	yes
Interleukin-18 (IL-18)	Human Plasma	ELISA	78.1 - 5000 pg/mL	Allergy & Immunology	yes
Interleukin-1-Alpha (IL-1a)	Human Plasma	ELISA	2.90 - 250 pg/mL	Allergy & Immunology	yes
Interleukin-1-Alpha (IL-1a)	Human Serum	ELISA	2.90 - 250 pg/mL	Allergy & Immunology	yes
Interleukin-1-Ra (IL-1Ra)	Human Plasma, medium supernat.	ELISA	60.0 - 1700 pg/mL	Allergy & Immunology	yes
Interleukin-2 (IL-2)	Human Plasma, medium supernat.	ELISA	2.50 - 25.0 mIU/mL	Allergy & Immunology	yes
Interleukin-2-Receptor, soluble (sIL-2R)	Human Serum	ELISA	240 - 7200 U/mL	Allergy & Immunology	no
Interleukin-3 (IL-3)	Human serum	ELISA	1.95 - 500 ng/mL	Allergy & Immunology	no
Interleukin-4 (IL-4)	Human Serum	ELISA	8.00 - 500 pg/mL	Allergy & Immunology	no
Interleukin-5 (IL-5)	Human Serum	ELISA	8.00 - 500 pg/mL	Allergy & Immunology	no
Interleukin-6 (IL-6)	Human Plasma, Medium Supernat.	ELISA	16.0 - 1690 pg/mL	Allergy & Immunology	yes
Interleukin-6 (IL-6)	Human Plasma	ELISA	4.70 - 300 pg/mL	Allergy & Immunology	yes
Interleukin-6R (IL-6R)	Human Plasma / Serum	ELISA	-	Allergy & Immunology	no
Interleukin-7 (IL-7)	Human Plasma / Serum	ELISA	0.195 - 50.0 ng/mL	Allergy & Immunology	no
Interleukin-8 (IL-8)	Human Plasma, medium supernat.	ELISA	7.80 - 790 pg/mL	Allergy & Immunology	yes
Iron transferrin Bound (sTfR)	Human Serum	ELISA	0.200 - 10.0 ug/mL	Haematology	no
L-Dopa	Human Plasma	ELISA	-	CNS	no
Leptin	Human Serum	ELISA	11.3 - 1000 ng/mL	Metabolism	yes
Leptin	Human Plasma / Serum	ELISA	15.6 - 1000 ng/mL	Metabolism	yes
Leucotriene	Human Urine	ELISA	7.80 - 1000 pg	Respiratory	yes
Leucotriene	Human Urine	HPLC-RIA	355 - 22750 pmol/L	Respiratory	yes
Leukymia Inhibitor Factor (LIF-Hilda)	Human Plasma / Serum	ELISA	-	Oncology	no
Leuprolide	Human Plasma	ELISA	-	Oncology	no
L-Selectin	Human Plasma	ELISA	0.400 - 25.0 ng/mL	Allergy & Immunology	no
L-Selectin	Human Plasma Platelet Poor	ELISA	0.400 - 25.0 ng/mL	Allergy & Immunology	no
LTB4	Human Plasma	EIA	11.7 - 3000 pg/mL	Immunology	yes
Luteinizing Hormone (LH)	Human Serum	ELISA	2.90 - 161 mIU/mL	Endocrinology	no
Luteinizing Hormone (LH)	Human Serum	ELISA	0.0624 - 49.3mIU/mL	Endocrinology	yes
Luteinizing Hormone (LH)	Human Serum	RIA	2.00 - 200 ng/mL	Endocrinology	no
Luteinizing Hormone Releasing Hormone (LH-RH)	Human Plasma after extraction	ELISA	-	Endocrinology	no
Macrophage Inflammatory Protein-1a (MIP-1a)	Human Plasma / Serum	ELISA	-	Allergy & Immunology	no
Macrophage Inflammatory Protein-1b (MIP-1b)	Human Plasma / Serum	ELISA	15.6-1000 pg/mL	Allergy & Immunology	no
Macrophage Inflammatory Protein-2 (MIP-2)	Human Serum	ELISA	-	Allergy & Immunology	no
Macrophage Inflammatory Protein-3 (MIP-3)	Human Serum	ELISA	-	Allergy & Immunology	no
Macrophage Inflammatory Protein-4 (MIP-4)	Human Serum	ELISA	-	Allergy & Immunology	no
Macrophage Inflammatory Protein-5 (MIP-5)	Human Serum	ELISA	-	Allergy & Immunology	no
Melatonin	Human Plasma	ELISA	3.00 - 350 pg/mL	Endocrinology	no
Monoamine oxidase (MAO)	Human Platelets	ELISA	-	CNS	no
Monoamine oxidase B (MAO B)	Human platelets	Enzymatic/LSC	0.400 - 2.00 g/L	CNS	no
Monocyte Chemoattractant Protein-1 (MCP-1)	Human Plasma / Serum	ELISA	15.6 - 1,000 pg/mL	Cardiovascular	no
Monocyte Chemoattractant Protein-3 (MCP-3)	Human Plasma / Serum	ELISA	16.0 - 1,000 pg/mL	Cardiovascular	no
Monocytes and granulocytes (CD14/CD16/CD45)	Human Whole Blood	Flowcytometry	-	General	yes
Myelo Peroxidase (MPO)	Human Sputum	ELISA	-	Respiratory	no
Neopterin	Human Serum	ELISA	1,50 - 111 nmol/L	Allergy & Immunology	yes
Neurotensin (1-13)	Human Plasma after extraction	ELISA	-	CNS	no
Neurotensin (1-13)	Human Plasma	RIA	-	CNS	no
Noradrenalin	Human Urine	HPLC	2.50 - 1000 ng/mL	Cardiovascular	yes
Noradrenalin	Human Plasma	RIA	75-972 pg/mL	Cardiovascular	yes
N-Telopeptide (procollagen N-term)	Human Serum	ELISA	-	Metabolism	no
Nt-proBNP	Human Plasma / Serum	ELISA	31.3 - 100 fmol/mL	Cardiovascular	yes
Osteocalcin	Human Plasma / Serum	ELISA	2.00 - 90.0 ng/mL	Metabolism	no
Oxyntomodulin	Human Plasma	RIA	0.150 - 30.0 ng/mL	Metabolism	yes
Pancreatic polypeptide (PP)	Human Serum	ELISA	12.3 - 3000 pg/mL	Metabolism	yes

Analyte	Species and Matrix	Technique	Range	Therapeutic Area	Active
Pancreatic polypeptide (PP)	Human Serum	RIA	6.24 - 200 pmol/L	Metabolism	yes
Parathyroid Hormone Human (HPTH)	Human Serum	ELISA	15.0 - 1200 pg/mL	Metabolism	no
Parathyroid Hormone Human (HPTH)	Human Serum	IRMA	0.827 - 164 pmol/L	Metabolism	yes
Parathyroid Hormone Human (HPTH)	Human Plasma	IRMA	13.0 - 1500 pg/mL	Metabolism	no
PeptideYY (PYY)	Human Plasma	ELISA	10.0 - 2000 pg/mL	General	no
PeptideYY (PYY)	Human Serum	ELISA	7.00 - 2600 pg/mL	General	yes
PeptideYY (PYY)	Human Serum	RIA	10.5 - 1350 pg/mL	General	yes
Phospholipids	Human Serum	ELISA	-	Cardiovascular	no
Phospholipids	Human plasma	ELISA	-	Cardiovascular	no
Pi-GST	Human Urine	ELISA	3.13 - 100 ug/L	Hepatology	yes
PIIINP	Human Serum	RIA	1.00 - 50.0 ug/mL	Bonemarkers	yes
PIIINP	Human Bronchoalveolar Lavage	RIA	1.00 - 50.0 ug/mL	Bonemarkers	yes
PIINP	Human Serum	RIA	5.00 - 250 ug/mL	Bonemarkers	yes
PIINP	Human Bronchoalveolar Lavage	RIA	5.00 - 250 ug/mL	Bonemarkers	yes
Plasminogen activator inhibitor 1 (PAI-1)	Human Plasma	ELISA	6.25 - 50.0 ng/mL	Coagulation	yes
Plasminogen Activator Inhibitor-1 (PAI-1)	TPA/PAI depleted plasma	ELISA	2.00 - 50.0 ng/ml	Coagulation	yes
Pramintide	Human Plasma	Immuno/Enzym	-	Allergy & Immunology	no
Pro-ANP (1-30)	Human Plasma / Serum	ELISA	-	Cardiovascular	yes
Pro-ANP (1-98)	Human Plasma / Serum	ELISA	-	Cardiovascular	no
Progesterone	Human Serum	ELISA	0.200 - 40.0 ng/mL	Endocrinology	no
Progesterone	Human Plasma	LC-MS/MS	20.0 - 2000 pg/mL	Endocrinology	yes
Progesterone	Human Urine	RIA	1.00 - 25.0 ng/mL	Endocrinology	no
Prostaglandin E	Human Serum	HPLC	-	Allergy & Immunology	no
Prostaglandin E1	Human Plasma / Urine	ELISA	5.00 - 5000 pg/mL	Allergy & Immunology	no
Prostaglandin E2	Human Plasma / Urine	ELISA	40.0 - 2500 pg/mL	Allergy & Immunology	no
Prostate Specific Antigen (PSA)	Human Serum	ELISA	0.00 - 50.0 ng/mL	Nefrology & Urology	no
Prostate Specific Antigen free (PSA-free)	Human Serum	ELISA	0.00 - 15.0 ng/mL	Nefrology & Urology	no
Prostate Specific Antigen PSA (equimolar; free +ACT complexed)	Human Plasma / Serum	ELISA	-	Nefrology & Urology	no
Protein Tyrosin Phosphatase-1B	Human Serum	-	-	Metabolism	no
Prothrombin fragment 1+2 (F1+2)	Buffer	ELISA	-	Coagulation	no
P-Selectin	Human Plasma	ELISA	-	Allergy & Immunology	no
Pyridoxamine and Pyridoxine	Human Plasma	ELISA	1.00 - 100 nmol/L	Metabolism	no
Pyridoxamine and Pyridoxine	Human Urine	ELISA	3.00 - 30.0 nM	Metabolism	no
Pyrilinks and Pylilinks-D	Human Plasma / Serum	ELISA	0.750 - 12.0 nmol/L	Metabolism	no
RANTES	Human Plasma	ELISA	50.0 - 4500 pg/mL	Infectious diseases	no
Renin (active antigen)	Human Plasma	IRMA	8.00 - 974 pg/mL	Cardiovascular	yes
Renin (active antigen)	Human Plasma	RIA	2.50 - 320 pg/mL	Cardiovascular	yes
Reverse T3	Human Plasma / Serum	RIA	-	Endocrinology	no
Rheumatoid Factor (RF) Igm	Human Serum	ELISA	+/- 25.0 - 75.0 IU/mL	Allergy & Immunology	no
S-100B	Human Serum	ELISA	68.0 - 6300 pg/mL	CNS	no
sCD40L	Human Serum	ELISA	0.156 - 10.0 ng/mL	Immunology	yes
Serotonin	Human Serum	ELISA	20.0 - 2000 ng/mL	CNS	yes
Serotonin	Human Plasma	RIA	15.0 - 2500 ng/mL	CNS	yes
Sex-Hormone Binding Globulin (SHBG)	Human Serum	ELISA	3.50 - 31.0 nmol/L	Endocrinology	no
Sex-Hormone Binding Globulin (SHBG)	Human Serum	IRMA	1.00 - 180 nmol/L	Endocrinology	no
sP Selectin	Human Plasma / Serum	ELISA	2.19 - 140 ng/mL	Allergy & Immunology	yes
STNFRP	Human Serum	ELISA	0.940 - 46.2 ng/mL	Allergy & Immunology	yes
T-cells (CD3/CD8/CD45/CD4)	Human Whole Blood	Flowcytometry	-	Immunology	yes
Testosterone	Human Serum	ELISA	0.220 - 26.0 ng/mL	Endocrinology	yes
Testosterone	Human Serum	RIA	0.228 - 13.5 ng/mL	Endocrinology	yes
Testosterone (free)	Human Serum	RIA	0.570 - 56.0 pg/mL	Endocrinology	yes
Testosterone (total)	Human Serum	RIA	0.700 - 55.0 nmol/L	Endocrinology	no
Thiobarbituric acid reactive substances (TBARS)	Human Plasma	Chemical reaction with fluorimetric detection	0.250 - 10.0 nmol/mL		yes
Thrombin AntiThrombin (TAT)	Human Plasma	ELISA	2.00 - 20.8 ng/mL	Coagulation	no
Thrombin-anti-thrombin III complex (TAT)	Human Plasma	ELISA	2.00 - 20.8 ng/mL	Coagulation	yes
Thromboxane B2	Human Serum	ELISA	4.80 - 1000 pg/mL	Coagulation	no
Thyroid Stimulating Hormone (TSH)	Human Serum	ELISA	0.00 - 25.0 IU/mL	Endocrinology	no
Thyroid Stimulating hormone (TSH)	Human Serum	IRMA	0.150 - 150 Miu/mL	Endocrinology	yes
Tissue Inhibitors of Metalloproteinases 1 (TIMP-1)	Human Plasma / Serum	ELISA	1.56 - 25.0 ng/mL	Allergy & Immunology	no
Tissue Inhibitors of Metalloproteinases 2 (TIMP-2)	Human Plasma / Serum	ELISA	8.00 - 128 ng/mL	Allergy & Immunology	no
Tissue Pathway Inhibitor Factor (TFPI)	Human Plasma	ELISA	-	Hepatology	no
Tissue Plasminogen Activator (TPA)	Human Plasma	ELISA	0.00 - 30.0 ng/mL	Coagulation	no
Tobramycine	Human Plasma	HPLC	-	General	no
TPA/PAI	Human Plasma	ELISA	0.00 - 40.0 ng/mL	Coagulation	no
Transaminasis	Human Serum	Amperometric glutamate biosensor	1.00 - 1000 umol/L	Metabolism	no
Transforming Growth Factor 1 beta (TGF-beta 1)	Human Plasma / Serum	ELISA	19.0 - 600 pg/mL	Endocrinology	no
Transforming Growth Factor 2 beta (TGF-beta 2)	Human Plasma / Serum	ELISA	31.25 - 1000 pg/mL	Endocrinology	no
Tretinoin (tretinoic acid)	Human Plasma	HPLC	5.00 - 200 ng/mL	Gastrointestinal	no
Triiodothyronine	Human Serum	ELISA	0.00 - 10.0 ng/mL	Endocrinology	no
Triiodothyronine-3 total (T3-total)	Human Serum	ELISA	-	Endocrinology	no
Tumor necrosis factor alpha (TNF-alpha)	Human Plasma, medium supernat.	ELISA	8.67 - 15.25 pg/mL	Immunology	yes
Tumor Necrosis Factor-R1 soluble (sTNF-R1)	Human Plasma	ELISA	1.00 - 47.0 ng/mL	Immunology	no
Tumor Necrosis Factor-R1 soluble (sTNF-R1)	Human Plasma	ELISA	2.10 - 145 ng/mL	Immunology	yes
Vascular Cell Adhesion Molecule -1 (VCAM-1)	Human Serum	ELISA	1.17 - 75.0 ng/mL	Allergy & Immunology	no

Analyte	Species and Matrix	Technique	Range	Therapeutic Area	Active
Vascular Endothelial Growth Factor	Human plasma	ELISA	15.6 - 1000 pg/mL	Oncology	no
Vasoactive Intestinal Peptide (VIP) Alpco, kit	Human Serum	RIA	3.80 - 120 pmol/L	Oncology	no
Xanthine Oxidase	Human Urine	Fluorometric	> 200 nM	Metabolism	no
Xanthine, Hypoxanthine, uric acid	Human Urine	Fluorometric	> 0.100 mU/mL	Metabolism	no
Xanthine, Hypoxanthine, uric acid	Human Urine	LC/MS	-	Metabolism	no

- yes: previously performed at the laboratory, validated method
- no: not previously performed at the laboratory, requires validation