

**PRICE LIST - LABORATORIES**

Rate valid as of 1 January 2025

CODE BST	DESCRIPTION	PVP
<b>Transfusion Safety Laboratory</b>		
<b>Transfusion Safety</b>		
0165	Citomegalovirus, Antibody IgG. Screening	3,17 €
0162	Citomegalovirus, Antibody IgM. Screen	3,17 €
0168	Citomegalovirus, DNA	75,85 €
2110	Epstein-Barr,Antibody IgG anti-EBNA Scre	7,49 €
2108	Epstein-Barr, Antibody IgG anti-VCA Scre	7,49 €
2109	Epstein-Barr, Antibody IgM anti-VCA Scre	7,49 €
0250	West Nile RNA virus (TMA)	28,68 €
0160	Hepatitis B, Antic (IgM) anti-core Scree	7,57 €
0100	Hepatitis B, Antib. anti-antigen surface	7,57 €
0106	Hepat B, Antic.anti-core (IgG+IgM) Scree	3,25 €
0104	Hepatitis B, Antigen surface. Confirmat.	25,91 €
0101	Hepatitis B, Antigen surface. Screening	3,99 €
0105	Quantification Hepatitis B virus (PCR)	116,26 €
0200	Hepatitis C, RNA VIH1/2 RNA & B DNA Scre	20,42 €
0124	Hepatitis C, Antib.IgG Conf x Inmunoblot	66,72 €
0121	Hepatitis C, Antibody IgG. Screening	4,11 €
0105	Quantification Hepatitis B virus (PCR)	116,26 €
0402	Hepatitis E, IgG antibodies. Screened	36,94 €
0403	Hepatitis E, IgM antibodies. Screened	36,94 €
0400	Hepatitis E, RNA (TMA) Screening	28,68 €
0174	HTLV I/II, Antib. (IgG) Conf x Inmunoblo	74,81 €
0171	HTLV I/II, Antibody (IgG). Screening	7,49 €
0178	HTLV-I, DNA proviral	37,42 €
0182	Plasmodium sp, Antib. IgG,IgM,IgA Screen	9,98 €
0154	Toxoplasma gondii, IgG antibodies Screen	2,47 €
0155	Toxoplasma gondii, IgM antibodies Screen	2,56 €
0134	Treponema pallidum, IgG. Conf.x Inmunob	39,04 €
0131	Treponema pallidum, Antic.(IgG+IgM) Scre	2,66 €
0197	Trypanosoma cruzi, IgG antibodies Screen	9,28 €
0198	Trypanosoma cruzi, DNA	27,37 €
0196	Chagas Western Blot	76,18 €
0105	Quantification Hepatitis B virus (PCR)	116,26 €
0114	Anti-HIV I/II confirmation	86,41 €
0111	VIH-1/VIH-2, Anticossos IgG. Screening	3,99 €
2111	VIH-1/VIH-2, IgG/antigen P24. Screening	4,11 €

**Immunohematology Laboratory**
**Erythrocytes**

T	0009	ABO/Rho (D) Group	7,14 €
T	0010	Irregular Antibodies Scrutiny	17,49 €
T	0011	Irregular Antibodies Id	74,81 €
T	0012	Direct antiglobulin test (CD)	12,72 €
T	0014	Eluted erythrocyte Ab	69,77 €
T	0016	Auto/Allo Absorption erythrocyte Ab	112,13 €
T	0500	Rh D	6,26 €
T	0501	Rh C	6,26 €
T	0502	Rh c	6,26 €
T	0503	Rh E	6,26 €
T	0504	Rh e	6,26 €
T	0510	Kell	18,14 €
T	0511	Cellano	18,14 €
T	0512	Kpa	18,14 €
T	0513	Kpb	18,14 €
T	0514	Jsa	18,14 €
T	0515	Jsb	18,14 €

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T	0520	Fya	18,14 €
T	0521	Fyb	18,14 €
T	0530	Jka	18,14 €
T	0531	Jkb	18,14 €
T	0535	Lua	18,14 €
T	0536	Lub	18,14 €
T	0540	Lea	18,14 €
T	0541	Leb	18,14 €
T	0542	Vel	18,14 €
T	0543	Jra	18,14 €
T	0545	P1	18,14 €
T	0550	M	18,14 €
T	0551	N	18,14 €
T	0552	S	18,14 €
T	0553	s	18,14 €
T	0560	Cw	18,14 €
T	4911	Isohemagglutinins anti-A	27,44 €
T	4912	Cryohemagglutinines	13,90 €
T	4913	Isohemagglutinins anti-B	27,44 €
T	4918	Irregular antibodies study	27,44 €
T	4979	DTT Technique	157,45 €
	0017	Discrepancy study group ABO	93,52 €
	0018	Antibody anti G study	115,42 €
	0019	Thermal amplitude of an antibody	74,81 €
	0021	Class Ig identification	63,33 €
	0022	Ab neutralization	61,52 €
	0023	Donath-Landsteiner test	121,93 €
	0506	Bombay	23,10 €
	0525	Ge2 (Gerbich 2)	23,10 €
	0526	VS (RH20)	23,10 €
	0527	Hy (Holley)	23,10 €
	0528	Joa (Joseph)	23,10 €
	0529	Yka (York)	23,10 €
	0555	Lan (Langereis)	23,10 €
	0561	PP1Pk	18,67 €
	0562	Xga	18,67 €
	0563	P1k	23,10 €
	0564	P2k	23,10 €
	0570	Yta (Cartwright a)	18,67 €
	0571	Ytb (Cartwright b)	18,67 €
	0572	Wra (Wright)	18,67 €
	0573	Coa (Colton a)	18,67 €
	0574	Cob (Colton b)	18,67 €
	0575	Do a (Dombrock a)	18,67 €
	0576	Do b (Dombrock b)	18,67 €
	0577	Di a (Diego a)	18,67 €
	0578	Di b (Diego b)	18,67 €
	0579	Ch a (Chido a)	18,67 €
	0580	I	18,67 €
	0581	H	18,67 €
	0582	Kna (Knops a)	18,67 €
	0583	Rh 46	18,67 €
	4827	Genotype Rh (D)	46,68 €
	4829	Genotype ABO	93,52 €
	4854	Cost Genotype	72,60 €
	4831	Genotype Kidd	72,60 €
	4836	Genotype Kell	72,60 €

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CODE BST	DESCRIPTION	PVP
4837	Genotipe Kpa/b	72,60 €
4838	Genotipe Jsa/b	72,60 €
4839	Genotipe Lu	72,60 €
4850	Genotipe Wright	72,60 €
4851	Genotipe Cartwright	72,60 €
4852	Genotipe Knops	72,60 €
4853	MNSs genotype	72,60 €
4923	Genotipe CcEe	65,40 €
4924	Genotipe Duffy	72,60 €
4966	Genotipe Colton	72,60 €
4967	Genotipe Dombrock	72,60 €
4968	Genotipe Diego	72,60 €
4843	Genotipe Vel	72,60 €
4980	Genotipe York	72,60 €
4844	Genotipe Indian	72,60 €
4835	Rh/(D) zygosity	200,34 €
4919	Fixation-Elution Ab study	100,73 €
4921	Study Rh(D) expression with monoclonals	123,21 €
4957	Special molecular studies	650,77 €
4922	Molecular RhD typing	224,45 €
4925	Other genotypes	48,04 €
4929	Hemolytic anemia induced by drugs	62,84 €
4935	Antiglobulin Quality Control	52,30 €
4937	High complexity specimen study	352,43 €
4952	Fetal erythrocytes in mother blood	152,84 €
4959	Erythrocyte cross matching	17,36 €
4960	Polyagglutination	226,05 €
4961	Ab against low ang high Ag frequency	155,88 €
4982	Neutralization with recombinant proteins	130,62 €
4984	EDTA-Glicina Technique	105,46 €
5001	Ham test	38,50 €
9000	Complete genotyping	390,73 €
<b>Platelets</b>		
0600	HPA-1a (PIA1, Zwa) Platelet Ag	13,10 €
0601	HPA-1b (PIA2, Zwb) Platelet Ag	13,10 €
0602	HPA-2a (Kob) Platelet Ag	13,10 €
0603	HPA-2b (Koa, Siba) Platelet Ag	13,10 €
0604	HPA-3a (Baka) Platelet Ag	13,10 €
0605	HPA-3b (Bakb) Platelet Ag	13,10 €
0606	HPA-4a (Yukb, Pena) Platelet Ag	13,10 €
0607	HPA-4b (Yuka, Penb) Platelet Ag	13,10 €
0608	HPA-5a (Brb) Platelet Ag	13,10 €
0609	HPA-5b (Bra) Platelet Ag	13,10 €
0610	HPA-15b (Gova) Platelet Ag	13,10 €
0611	HPA-15a (Govb) Platelet Ag	13,10 €
4800	Platelet Ab identification	152,84 €
4807	Expression GPIV Platelet	68,32 €
4808	Platelet cross match (MAIPA)	93,52 €
4809	Acs antiplaquetaris (MAIPA HPA-15)	93,52 €
4810	Autoimmune thrombocytopenia study	152,84 €
4811	Membrane glycoproteins	154,24 €
4813	Platelet cryptoantigen Ab	152,84 €
4814	Acs antiplatelets (MAIPA)	93,52 €
T 4815	Platelet refractoriness study	231,95 €
4818	Platelet genotype	63,43 €
4823	Platelet antibodies (indirect test)	53,03 €
4825	Platelet cross match	46,98 €

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4840	IgA deficiency (agglutination)	24,93 €
4841	IgA antibodies	24,93 €
4842	ELISA IgA	128,05 €
4914	Drug-induced thrombocytopenia study	220,83 €
4939	Platelet antibodies (direct test)	42,78 €
4942	Platelet antibodies (solid phase)	79,27 €
4969	Platelet antibodies titration	280,57 €
4833	Anti-HLA I antibodies	74,81 €
4834	Anti-HLA II antibodies	74,81 €
<b>Granulocytes</b>		
4983	Acs antigranulocyte (Luminex)	187,20 €
4820	Antigranulocitary Acs (direct test)	59,48 €
4822	Acs antigranulocytes (indirect proof)	144,02 €
4812	Autoimmune neutropenia study	203,49 €
4946	Granulocyte Phenotype (HNA-1,2,3)	121,90 €
4824	Granulocyte genotype	155,88 €
4821	Granuloagglutination	87,21 €
4916	MAIGA (Granulocytes)	55,88 €
4915	Drug-induced neutropenia study	220,83 €
<b>Transplant follow-up. Chimerism</b>		
4009	STR markers analysis	256,07 €
9980	Pre-HPT microsatellite study	256,07 €
4910	Serologic chimera study	50,08 €
4907	Chimerism post TPH in MO	251,06 €
4909	Chimerism post HPT, blood	256,07 €
9979	Chimerism subpopulations, blood marrow	320,90 €
4908	Chimerism subpoblations SP	320,90 €
<b>Fetal studies in maternal plasma</b>		
4951	Fetal sex in maternal plasma	179,70 €
4954	HPA 1a fetal genotype in maternal plasma	320,90 €
4816	Fetal HPA genotype in amniotic fluid	122,22 €
4956	Kell fetal genotype	320,90 €
4955	Rh (c) fetal genotype	122,22 €
4930	Fetal Rh(D) genotype (Amniotic L./Cor)	122,22 €
4950	Fetus Rh (D) genotype in maternal plasma	122,22 €
4981	Fetal Rh (E) genotype in maternal plasma	320,90 €

**Immunogenetics Laboratory**

<b>HLA Typing</b>		
LRD2102	Genetic study CCR5 delta32	32,10 €
LRD2055	HLA genotype associated to Celiaquia	60,78 €
LRD2051	HLA genotype associated to Behçet	62,57 €
LRD2052	HLA genotype associated to Narcolepsy	62,57 €
LRD2019	High resolution HLA-A genotype	182,21 €
LRD2003	Low resolution HLA-A genotype	117,15 €
LRD2020	High resolution HLA-B genotype	182,21 €
LRD2004	Low resolution HLA-B genotype	123,65 €
LRD2021	High resolution HLA-C genotype	182,21 €
LRD2005	Low resolution HLA-C genotype	97,62 €
LRD2012	High resolution HLA-DPD1 genotype	204,55 €
LRD2011	High resolution HLA-DQB1 genotype	177,01 €
LRD2010	Low resolution HLA-DQB1 genotype	117,15 €
LRD2009	High resolution HLA-DRB1 genotype	182,21 €
LRD2008	Low resolution HLA-DRB1 genotype	117,15 €
LRD2058	HLA-DRB3/B4/B5 Genotype high resolution	177,01 €
LRD2027	High resolution HLA-E genotype	177,01 €
LRD2028	High resolution HLA-G genotype	177,01 €

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CODE BST	DESCRIPTION	PVP
LRD2113	Search for HLA compatible cell donor	106,85 €
LRD2057	KIR Genotype	117,15 €
LRD2056	HLA-B*5701	62,57 €
LRD2017	HLA I antibody identification	164,38 €
LRD2059	HLA II antibody identification	169,20 €
LRD2016	HLA I-II antibody screening	45,51 €
LRD2106	Tip comp.HLA alta res NGS A,B,C,DR-DQ-DP	885,05 €
LRD2107	TRB sequencing - repertoire	215,72 €
LRD2105	Pirche analysis	228,30 €

**Congenital Coagulopathies Laboratory**
**Congenital coagulopathies**

LRD2222	B Hemophilia Molecular diagnostic	340,45 €
LRD2223	Congenital coagulopathies familiar study	194,56 €
LRD2224	Inversion study (intron 22)	194,56 €
LRD2235	Congenital coagulopathies prenatal study	843,01 €
LRD2833	Congenital coag. Molecular diagnosis NGS	598,55 €
LRD2829	Complete exome	1.240,74 €
LRD2837	RNA sequencing by gene expression	579,07 €
LRD2843	Plasmid sequencing	222,08 €
LRD2844	Viral vector sequencing	262,86 €
LRD2845	Integrated therapeutic gene xqPCR copies	262,61 €
LRD2846	Integrated copies envelope x qPCR	262,61 €
LRD2847	Cellular identity for STRs	150,86 €
LRD2848	Residual DNA HEK293 cells for qPCR	2.208,46 €
LRD2849	Detection of Cutibacterium Acnes by qPCR	172,56 €

**Cellular Laboratory**
**Cellular Laboratory**

CEL001	Clonogenic assay	53,56 €
CEL002	Clonogenic assay (in duplicate)	107,13 €
CEL003	Cell count and WBC differential	8,16 €
CEL004	Erythroblasts	8,16 €
CEL005	Erythroblasts (manual)	43,54 €
CEL006	Quantification / viability CD34 and CD45	44,90 €
CEL007	Quantification/viabil. CD3 & CD45 ISHAGE	48,07 €
CEL008	Viability CD3 and CD45 7AAD + AnnexinV	48,07 €
CEL009	Viability CD34 and CD45 7AAD + AnnexinV	48,07 €
CEL010	Lymphocyte subpopulations	115,80 €
CEL011	CD45 RO / RA analysis and subpopulations	201,56 €
CEL012	Selection check control CD34	32,03 €
CEL013	Viability Blue Tripan	7,67 €
CEL014	Phenotype mesenchymal cells	115,80 €
CEL015	Quantif. / viab. of mesenchymal cells	44,90 €
CEL016	Quantif. of specific T cell lymphocytes	196,67 €
CEL017	Expression CD133 / CD34	48,07 €
CEL018	Phenotypic characterization of platelets	176,87 €
CEL020	Osteogenic different. mesenchymal cells	1.485,60 €
CEL021	MSCs Immunomodulation assay	1.416,83 €
CEL022	TCR $\alpha$ / $\beta$ + quantification	115,80 €
CEL024	Biological activ.serum as culture suppl.	682,12 €
CEL026	Interferon gamma secretion assay	1.283,56 €
CEL027	ELISPOT T-specific virus lymphocytes	156,73 €
CEL029	Isolation of nucleated cells	42,56 €
CEL030	Freezing nucleated cells	12,68 €
CEL033	pH	21,10 €
CEL034	Potassium	12,22 €

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CEL035	Na	12,22 €
CEL036	Lactate	26,40 €
CEL037	Glucose	19,75 €
CEL038	Hemolysis	47,34 €
CEL039	Residual Leukocytes	59,19 €
CEL040	Residual erythrocytes	62,31 €
CEL047	Lentivirus titration	22,03 €
CEL048	Expression of CD10/CD19/CD34	107,36 €
CEL052	Osmotic fragility	40,67 €
CEL053	Protein Quantification (BCA)	20,49 €
CEL054	Protein Quantification (microBCA)	34,66 €
CEL057	Clonogenic culture (preliminar results)	27,17 €
CEL058	Blood gas test	51,58 €
CEL061	Cellular expression TRA-1-60 and SSEA-4	99,54 €
CEL062	Cellular expression of Nanog/OCT-3/4	183,16 €
CEL063	Microcarries colonization evaluation	159,32 €
CEL064	TNF alfa	547,63 €
CEL065	IFN gamma	542,87 €
CEL066	Culture and stimulation of T Cells	88,89 €
CEL071	Fibrinogen determination	8,95 €
CEL072	Factor VIIIC determination	24,64 €

**Microbiology Laboratory**

Microbiology Laboratory		
2112	Aerobis IFA Plus culture	16,88 €
2113	Anaerobis IFN Plus culture	16,88 €
2114	Aerobi FA Plus culture	22,78 €
2115	Anaerobis FN Plus culture	22,78 €
2102	Aerobis BPA crop	27,70 €
2103	BPN Crop	27,70 €
7004	Blood component culture	16,19 €
CEL050	Validation BACT/ALERTproducts (Eu Ph)	1.842,52 €
CEL049	Validation BACT/ALERT reactivés (Eu Ph)	1.404,65 €
CEL051	Growth Promotion BACT/ALERT(EuPh)	613,20 €
CEL028	Endotoxin quantification	118,80 €
CEL031	Endotoxin validation (price per sample)	130,64 €
CEL055	Mycoplasma (qPCR, Ph Eu)	231,45 €
CEL056	Mycoplasma validation (qPCR, Ph Eu)	1.636,37 €

**Covid Laboratory**

Covid Laboratory		
0280	Anti SARS CoV-2 IgG	19,70 €
0294	Anti SARS-CoV-2 Spike IgG, quantitative	20,34 €
LRD2835	Complete SARS CoV-2 sequencing	291,46 €

**Note:** T: Tests that are also a Transfusion

The prices of the rates are subject to the corresponding update in case of change of provider, reagent or methodology