

**PRICE LIST - LABORATORIES**

Rate valid as of 1 june 2022

CODE BST	DESCRIPTION	PVP
<b>Transfusion Safety Laboratory</b>		
<b>Transfusional Security</b>		
0165	Citomegalovirus, IgG. Screening	2,77 €
0162	Citomegalovirus, IgM. Screening	2,77 €
0168	Citomegalovirus, DNA	66,37 €
2110	Epstein-Barr, IgG anti-EBNA. Screening	6,55 €
2108	Epstein-Barr, IgG anti-VCA. Screening	6,55 €
2109	Epstein-Barr, IgM anti-VCA. Screening	6,55 €
0250	West Nile RNA virus (TMA)	25,10 €
0160	Hepatitis B, IgM anti-core. Screening	6,63 €
0100	Hepatitis B, surface antibody (anti-HBs)	6,63 €
0106	Hepatitis B, core IgG+IgM. Screening	2,84 €
0104	Hepatitis B, surface antigen. Confirmation	22,68 €
0101	Hepatitis B, surface antigen. Screening	3,49 €
0200	HCV RNA, VIH1/2 RNA & HBV DNA Screening	17,35 €
0124	Hepatitis C, IgG. Immunoblot	56,71 €
0121	Hepatitis C, IgG. Screening	3,49 €
0402	Hepatitis E, IgG. Screening	32,32 €
0403	Hepatitis E, IgM. Screening	32,32 €
0400	Hepatitis E, RNA (TMA). Screening	25,10 €
0174	HTLV I/II, IgG. Immunoblot	65,45 €
0171	HTLV I/II, IgG. Screening	6,55 €
0178	HTLV-I, DNA proviral	32,73 €
0182	Plasmodium sp, IgG,IgM,IgA Screening	8,73 €
0154	Toxoplasma gondii, IgG. Screening	2,06 €
0155	Toxoplasma gondii, IgM. Screening	2,30 €
0134	Treponema pallidum, IgG. Immunoblot	33,18 €
0131	Treponema pallidum, IgG+IgM. Screening	2,33 €
0197	Trypanosoma cruzi, IgG. Screening	8,13 €
0198	Trypanosoma cruzi, DNA	23,26 €
0196	Chagas Western Blot	66,65 €
0114	HIV I/II IgG Immunoblot	75,60 €
0111	VIH-1/VIH-2. IgG. Screening	3,49 €
2111	VIH-1/VIH-2, IgG/antigen P24. Screening	3,49 €
<b>Immunoematology Laboratory</b>		
<b>Erythrocytes</b>		
0009	ABO/Rho(D) Group	6,24 €
0010	Irregular Antibodies Scrutiny	15,30 €
0011	Irregular Antibodies Id	65,45 €
0012	Direct antiglobulin test (CD)	11,14 €
0014	Eluted erythrocyte Ab	61,04 €
0016	Auto/Allo Absorption erythrocyte Ab	98,11 €
0017	Discrepancy study group ABO	81,83 €
0018	Antibody anti G study	98,10 €
0019	Thermal amplitude of an antibody	65,45 €
0021	Class Ig identification	53,83 €
0022	Ab neutralization	53,83 €
0023	Donath-Landsteiner test	103,64 €
0500	Rh D	5,48 €
0501	Rh C	5,48 €
0502	Rh c	5,48 €
0503	Rh E	5,48 €
0504	Rh e	5,48 €
0506	Bombay	19,64 €
0510	Kell	15,87 €
0511	Cellano	15,87 €
0512	Kpa	15,87 €
0513	Kpb	15,87 €
0514	Jsa	15,87 €
0515	Jsb	15,87 €
0520	Fya	15,87 €
0521	Fyb	15,87 €
0525	Ge2 (Gerbich 2)	19,64 €
0526	VS (RH20)	19,64 €
0527	Hy (Holley)	19,64 €
0528	Joa (Joseph)	19,64 €
0529	Yka (York)	19,64 €
0530	Jka	15,87 €
0531	Jkb	15,87 €
0535	Lua	15,87 €

**PRICE LIST - LABORATORIES**

Rate valid as of 1 june 2022

CODE BST	DESCRIPTION	PVP
0536	Lub	15,87 €
0540	Lea	15,87 €
0541	Leb	15,87 €
0542	Vel	15,87 €
0543	Jra	15,87 €
0545	P1	15,87 €
0550	M	15,87 €
0551	N	15,87 €
0552	S	15,87 €
0553	s	15,87 €
0555	Lan (Langereis)	19,64 €
0560	Cw	15,87 €
0561	PP1Pk	15,87 €
0562	Xga	15,87 €
0563	P1k	19,64 €
0564	P2k	19,64 €
0570	Yta (Cartwright a)	15,87 €
0571	Ytb (Cartwright b)	15,87 €
0572	Wra (Wright)	15,87 €
0573	Coa (Colton a)	15,87 €
0574	Cob (Colton b)	15,87 €
0575	Do a (Dombrock a)	15,87 €
0576	Do b (Dombrock b)	15,87 €
0577	Di a (Diego a)	15,87 €
0578	Di b (Diego b)	15,87 €
0579	Ch a (Chido a)	15,87 €
0580	I	15,87 €
0581	H	15,87 €
0582	Kna (Knops a)	15,87 €
0583	Rh 46	15,87 €
4827	Genotype Rh (D)	39,68 €
4829	Genotype ABO	81,83 €
4831	Genotype Kidd	63,51 €
4836	Genotype Kell	63,51 €
4837	Genotype Kpa/b	63,51 €
4838	Genotype Jsa/b	63,51 €
4839	Genotype Lu	63,51 €
4850	Genotype Wright	63,51 €
4851	Genotype Cartwright	63,51 €
4852	Genotype Knops	63,51 €
4853	Genotype MNSs	63,51 €
4923	Genotype CcEe	55,58 €
4924	Genotype Duffy	63,51 €
4966	Genotype Colton	63,51 €
4967	Genotype Dombrock	63,51 €
4968	Genotype Diego	63,51 €
4843	Genotype Vel	63,51 €
4980	Genotype York	63,51 €
4844	Genotype Indian	63,51 €
4835	Rh/(D) zygosity	170,28 €
4911	Isohemagglutinins anti-A	24,01 €
4912	Cryohemagglutinines	12,16 €
4913	Isohemagglutinins anti-B	24,01 €
4918	Irregular antibodies titration	24,01 €
4919	Fixation-Elution Ab study	85,62 €
4921	Rh(D) expression with monoclonal Ab	104,73 €
4957	Special molecular studies	553,13 €
4922	Molecular RhD typing	196,37 €
4925	Other genotypes	40,83 €
4929	Hemolytic anemia induced by drugs	53,41 €
4932	Antibody hemolytic activity	294,57 €
4935	Antiglobulin Quality Control	44,45 €
4937	High complexity specimen study	308,35 €
4952	Fetal erythrocytes in mother blood	133,72 €
4959	Erythrocyte cross matching	14,75 €
4960	Polyagglutination	197,78 €
4961	Ab against low ang high Ag frequency	136,38 €
4979	Compat.test patient treated monoclonal antib	137,76 €
4982	Neutralization with recombinant proteins	111,02 €
4984	EDTA-Glicina Technique	89,64 €
5001	Ham test	32,73 €
5003	HPN	133,72 €
9000	Complete genotyping	341,85 €

**PRICE LIST - LABORATORIES**

Rate valid as of 1 june 2022

CODE BST	DESCRIPTION	PVP
<b>Platelets</b>		
0600	HPA-1a (PIA1, Zwa) Platelet Ag	11,45 €
0601	HPA-1b (PIA2, Zwb) Platelet Ag	11,45 €
0602	HPA-2a (Kob) Platelet Ag	11,45 €
0603	HPA-2b (Koa, Siba) Platelet Ag	11,45 €
0604	HPA-3a (Baka) Platelet Ag	11,45 €
0605	HPA-3b (Bakb) Platelet Ag	11,45 €
0606	HPA-4a (Yukb, Pena) Platelet Ag	11,45 €
0607	HPA-4b (Yuka, Penb) Platelet Ag	11,45 €
0608	HPA-5a (Brb) Platelet Ag	11,45 €
0609	HPA-5b (Bra) Platelet Ag	11,45 €
0610	HPA-15b (Gova) Platelet Ag	11,45 €
0611	HPA-15a (Govb) Platelet Ag	11,45 €
4800	Platelet Ab identification	133,72 €
4807	Expression GPIV Platelet	59,78 €
4808	Platelet cross match (MAIPA)	81,83 €
4809	Platelet antibodies (MAIPA HPA-15)	81,83 €
4810	Autoimmune thrombocytopenia study	133,72 €
4811	Membrane glycoproteins	131,10 €
4813	Platelet cryptoantigen Ab	133,72 €
4814	Platelet antibodies (MAIPA)	81,83 €
4815	Platelet refractoriness study	202,93 €
4818	Platelet genotype	55,50 €
4823	Platelet antibodies (indirect test)	46,40 €
4825	Platelet cross match	39,94 €
4840	IgA deficiency (agglutination)	21,82 €
4841	IgA antibodies	21,82 €
4842	IgA deficiency (ELISA)	108,84 €
4914	Drug-induced thrombocytopenia study	193,21 €
4939	Platelet antibodies (direct test)	37,43 €
4942	Platelet antibodies (solid phase)	67,37 €
4969	Platelet antibodies titration	245,47 €
4833	Anti-HLA I antibodies	65,45 €
4834	Anti-HLA II antibodies	65,45 €
<b>Granulocytes</b>		
4983	Granulocyte antibodies (Luminex)	163,78 €
4820	Granulocyte antibodies (direct test)	52,04 €
4822	Granulocyte antibodies (indirect test)	126,01 €
4812	Autoimmune neutropenia study	178,04 €
4946	Granulocyte phenotype (HNA-1,2,3)	106,65 €
4824	Granulocyte genotype	136,38 €
4821	Granuloagglutination	76,30 €
4916	MAIGA (Granulocytes)	48,90 €
4915	Drug-induced neutropenia study	193,21 €
<b>Transplant follow-up. Chimerism</b>		
4009	STR markers analysis	217,65 €
9980	Pre-HPT microsatellite study	217,65 €
4910	Serologic chimera study	42,56 €
4907	Chimerism post HPT, blood marrow	213,39 €
4909	Chimerism post HPT, blood	217,65 €
9979	Chimerism subpopulations, blood marrow	272,75 €
4908	Chimerism subpopulations, blood	272,75 €

**PRICE LIST - LABORATORIES**

Rate valid as of 1 june 2022

CODE BST	DESCRIPTION	PVP
<b>Fetal studies in maternal plasma</b>		
4951	Fetal sex in maternal plasma	152,74 €
4954	Fetal HPA 1a genotype in maternal plasma	272,75 €
4816	Fetal HPA genotype in amniotic fluid	106,93 €
4956	Fetal Kell genotype in maternal plasma	272,75 €
4955	Fetal Rh(c) genotype in maternal plasma	106,93 €
4930	Fetal Rh(D) genotype in amniotic fluid	106,93 €
4950	Fetal Rh(D) genotype in maternal plasma	106,93 €
4981	Fetal Rh(E) genotype in maternal plasma	272,75 €

<b>Histocompatibility and Immunogenetics Laboratory</b>		
<b>HLA typing</b>		
LRD2025	High resolution HLA confirmation	168,35 €
LRD2024	Low resolution HLA confirmation	99,57 €
LRD2001	HLA B27	13,43 €
LRD2102	Genetic study CCR5 delta32	27,28 €
LRD2813	Immunoglobulin reordering	58,12 €
LRD2814	TCR reordering	58,12 €
LRD2060	Immunodeficiency, exome study	1.085,54 €
LRD2055	HLA genotype associated to Celiàquia	53,18 €
LRD2051	HLA genotype associated to Behçet	53,18 €
LRD2052	HLA genotype associated to Narcolepsy	53,18 €
LRD2019	High resolution HLA-A genotype	154,87 €
LRD2003	Low resolution HLA-A genotype	99,57 €
LRD2020	High resolution HLA-B genotype	154,87 €
LRD2004	Low resolution HLA-B genotype	105,09 €
LRD2021	High resolution HLA-C genotype	154,87 €
LRD2005	Low resolution HLA-C genotype	82,97 €
LRD2012	High resolution HLA-DPD1 genotype	173,85 €
LRD2011	High resolution HLA-DQB1 genotype	154,87 €
LRD2010	Low resolution HLA-DQB1 genotype	99,57 €
LRD2009	High resolution HLA-DRB1 genotype	154,87 €
LRD2008	Low resolution HLA-DRB1 genotype	99,57 €
LRD2058	High HLA-DRB3/B4/B5 genotype	154,87 €
LRD2027	High resolution HLA-E genotype	154,87 €
LRD2028	High resolution HLA-G genotype	154,87 €
LRD2057	KIR genotype	99,57 €
LRD2056	HLA-B*5701	53,18 €
LRD2017	HLA I antibody identification	143,82 €
LRD2059	HLA II antibody identification	143,82 €
LRD2016	HLA I-II antibody screening	38,68 €
LRD2099	Urgency plus	70,75 €
LRD2106	NGS complete HLA genotype	774,33 €
LRD2107	TRB sequencing - repertoire	183,35 €
LRD2105	Pirche analysis	199,74 €

<b>Genomic Laboratory</b>		
<b>Congenital coagulopathies</b>		
LRD2222	B Hemophilia Molecular diagnostic	297,86 €
LRD2223	Congenital coagulopathies familiar study	170,21 €
LRD2224	F8 inversion study (intron 22,1)	170,21 €
LRD2235	Congenital coagulopathies prenatal study	737,56 €
LRD2833	Congenital coagulopathies. Molecular diagnosis (NGS)	523,67 €
LRD2810	DNA extraction	16,60 €
LRD2829	Clinical exome	1.085,54 €
LRD2837	RNA sequencing by gene expression	492,19 €
LRD2838	CART Integrations	327,12 €
LRD2839	Replication of Competent Lentivirus	336,75 €

**PRICE LIST - LABORATORIES**

Rate valid as of 1 june 2022

CODE BST	DESCRIPTION	PVP
----------	-------------	-----

**Cellular Laboratory**

Cellular Laboratory		
CEL001	Clonogenic assay	45,53 €
CEL002	Clonogenic assay (in duplicate)	91,05 €
CEL003	Cell count and WBC differential	6,94 €
CEL004	Erythroblasts	6,94 €
CEL005	Erythroblasts (manual)	37,01 €
CEL006	Quantification/viability CD34 and CD45	38,16 €
CEL007	Quantification/viabil. CD3 & CD45 ISHAGE	40,85 €
CEL008	Viability CD3 and CD45 7AAD + AnnexinV	40,85 €
CEL009	Viability CD34 and CD45 7AAD + AnnexinV	40,85 €
CEL010	Lymphocyte subpopulations	98,43 €
CEL011	CD45 RO/RA and subpopulation analysis	171,32 €
CEL012	CD34 selection labelling control	27,22 €
CEL013	Trypan Blue Viability	6,52 €
CEL014	Mesenchymal cells phenotype	98,43 €
CEL015	Quantif. / viab. of mesenchymal cells	38,16 €
CEL016	Quantif. of specific T cell lymphocytes	172,06 €
CEL017	CD133 / CD34 Expression	40,85 €
CEL018	Phenotypic characterization of platelets	150,33 €
CEL019	Viable CD271 count	40,85 €
CEL020	Osteogenic different. mesenchymal cells	1.262,70 €
CEL021	MSCs Immunomodulation assay	1.239,58 €
CEL022	TCRa / β + quantification	98,43 €
CEL023	Viability mesench. cells (ATP-lumines.)	105,38 €
CEL024	Biological activ.serum as culture suppl.	579,78 €
CEL025	Mycoplasma detection (ATP-luminescence)	75,32 €
CEL026	Interferon gamma secretion assay	1.090,98 €
CEL027	ELISPOT virus-specific T cells	133,21 €
CEL028	Endotoxin quantification	100,98 €
CEL029	Isolation of nucleated cells	36,17 €
CEL030	Freezing of nucleated cells	10,78 €
CEL031	Endotoxin validation (price per sample)	111,04 €
CEL032	Viabilitat Cèl·lules Mesènquimals (Fluor)	134,69 €
CEL033	pH	18,46 €
CEL034	Potassium	10,38 €
CEL035	Na	10,38 €
CEL036	Lactate	22,44 €
CEL037	Glucose	16,78 €
CEL038	Hemolysis	41,42 €
CEL039	Residual Leukocytes	51,79 €
CEL040	Residual erythrocytes	54,52 €
CEL041	Cytometry assay for CART19	66,48 €
CEL042	Potency assay for CARTS - Cytotoxicity	1.099,12 €
CEL047	Lentivirus titration	19,28 €
CEL048	Expression of CD10/CD19/CD34	93,93 €
CEL049	Validation BACT/ALERT products (Eu Ph)	1.612,03 €
CEL050	Validation BACT/ALERT reactivés (Eu Ph)	1.228,94 €
CEL051	Growth Promotion BACT/ALERT(EuPh)	536,49 €
CEL052	Osmotic fragility	35,58 €
CEL053	Protein Quantification (BCA)	17,42 €
CEL054	Protein Quantification (microBCA)	29,46 €
CEL055	Mycoplasma (qPCR, Ph Eu)	202,50 €
CEL056	Mycoplasma validation (qPCR, Ph Eu)	1.431,66 €
CEL057	Clonogenic culture (preliminar results)	23,78 €
CEL058	Blood gas test	45,12 €
CEL061	Cellular expression of TRA-1-60 and SSEA-4	87,09 €
CEL062	Cellular expression Nanog/OCT-3/4	155,67 €
CEL063	Evaluation of colonization microcarriers	139,39 €
CEL064	Determination of TNF alpha	479,12 €
CEL065	IFN gamma determination	474,96 €
CEL066	Culture and stimulation of lymphocytes T	77,77 €

**Covid Laboratory**

Covid Laboratory		
0280	Anti SARS CoV-2 IgG	18,41 €
0282	Anti SARS CoV-2 IgM	18,41 €
0294	Anti SARS-CoV-2 Spike IgG, quantitative	18,41 €
0284	Anti SARS CoV-2 IgA, IgG, IgM	20,45 €
0283	NAT SARS CoV-2	75,00 €
0289	PCR SARS-CoV-2	75,00 €
LRD2835	Complete SARS CoV-2 sequencing	272,50 €