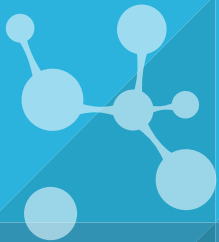




Cytokines ELISA Kits



			GM-CSF	FGF
	EGF	M-CSF		
			IL-6	PDGF
MMPs		MIPs	IFN	TGF
		CXCL	TLRs	
			TNF	
		CXC		



2024

• Tumor Necrosis Factors

TNF- α is derived from monocytes and phagocytes. TNF- β is derived from T lymphocytes. Although their structures are different, the biological activity is similar. They can not only cause bleeding, necrosis, and killing of tumor tissues, including inflammatory response effect against infection, but also affect regulation and induction of immune cells.

Cat.NO	Product name	Sensitivity	Range
EH0302	Human TNF- α ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH0303	Human TNF- β ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM0183	Mouse TNF- α ELISA Kit	2.344pg/ml	3.906-250pg/ml
EM0339	Mouse TNF- β ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER1393	Rat TNF- α ELISA Kit	2.344pg/ml	3.906-250pg/ml
ER1394	Rat TNF- β ELISA Kit	18.75pg/ml	31.25-2000pg/ml

• Interleukins

Interleukins are cytokines produced by a variety of cells and have effect on many cells. They play an important role in maturity, activation, proliferation, and immune regulation of immune cells. Besides, they are involved in multiple physiological and pathological reactions of human body.

Cat.NO	Product name	Sensitivity	Range
EH0184	Human IL-1 α ELISA Kit	2.344pg/ml	3.906-250pg/ml
EH0185	Human IL-1 β ELISA Kit	2.344pg/ml	3.906-250pg/ml
EH0189	Human IL-2 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH0196	Human IL-3 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH0199	Human IL-4 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EH0200	Human IL-5 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH0201	Human IL-6 ELISA Kit	2.813pg/ml	4.688-300pg/ml
EH0203	Human IL-7 ELISA Kit	4.688pg/ml	7.813-500pg/ml
EH0205	Human IL-8 ELISA Kit	4.688pg/ml	7.813-500pg/ml
EH0717	Human IL-9 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH0173	Human IL-10 ELISA Kit	4.688pg/ml	7.813-500pg/ml
EH0174	Human IL-11 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EH0176	Human IL-12 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH4146	Human IL-12(p35) ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EH0175	Human IL-12(p40) ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EH3266	Human IL-13 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH0177	Human IL-15 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH0178	Human IL-16 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EH4461	Human IL-17 A/F ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EH3267	Human IL-17A ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EH2104	Human IL-17B ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH14723	Human IL-17C ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH2513	Human IL-17D ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH4328	Human IL-17F ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH0011	Human IL-18 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH3268	Human IL-19 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EH0190	Human IL-20 ELISA Kit	37.5pg/ml	62.5-4000pg/ml
EH1886	Human IL-21 ELISA Kit	37.5pg/ml	62.5-4000pg/ml
EH0191	Human IL-22 ELISA Kit	9.375pg/ml	15.625-1000pg/ml

• Interleukins

Cat.NO	Product name	Sensitivity	Range
EH3270	Human IL-23A ELISA Kit	23.438pg/ml	39.063-2500pg/ml
EH0192	Human IL-24 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH0180	Human IL-25 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH1888	Human IL-26 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH0193	Human IL-27 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EH0194	Human IL-28A ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EH2057	Human IL-28B ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH0195	Human IL-29 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH0197	Human IL-31 ELISA Kit	4.688pg/ml	7.813-500pg/ml
EH1938	Human IL32 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH0198	Human IL-33 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH2043	Human IL-34 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH3273	Human IL-35 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH2044	Human IL-36A ELISA Kit	0.094ng/ml	0.156-10ng/ml
EH2046	Human IL-36B ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EH0628	Human IL-36G ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EH1120	Human IL-37 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EM0108	Mouse IL-1 α ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM0109	Mouse IL-1 β ELISA Kit	7.5pg/ml	12.5-800pg/ml
EM0112	Mouse IL-2 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM0116	Mouse IL-3 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM0119	Mouse IL-4 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM0120	Mouse IL-5 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM0121	Mouse IL-6 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM0122	Mouse IL-7 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM1592	Mouse IL-8 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM1169	Mouse IL-9 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM0100	Mouse IL-10 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM0225	Mouse IL-11 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM1528	Mouse IL-12 ELISA Kit	4.688pg/ml	7.813-500pg/ml
EM2524	Mouse IL-12 ELISA Kit	0.15pg/ml	0.25-16pg/ml
EM1470	Mouse IL-12 p40 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM0103	Mouse IL-13 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EM1156	Mouse IL-15 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM1157	Mouse IL-16 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM1946	Mouse IL-17 A/F ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EM1624	Mouse IL-17a ELISA Kit	4.688pg/ml	7.813-500pg/ml
EM1915	Mouse IL-17F ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM1158	Mouse IL-18 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM1916	Mouse IL-19 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EM1535	Mouse IL-20 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM0113	Mouse IL-21 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EM1810	Mouse IL-22 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM0114	Mouse IL-23a ELISA Kit	9.375pg/ml	15.625-1000pg/ml

• Interleukins

Cat.NO	Product name	Sensitivity	Range
EM1161	Mouse IL-24 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EM1162	Mouse IL-25 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM1811	Mouse IL-27 ELISA Kit	4.688pg/ml	7.813-500pg/ml
EM1900	Mouse IL-31 ELISA Kit	4.688pg/ml	7.813-500pg/ml
EM0118	Mouse IL-33 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM1167	Mouse IL-34 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EM1168	Mouse IL-35 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM7283	Mouse IL-36a ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM7281	Mouse IL-36b ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EM1873	Mouse IL-36g ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER1093	Rat IL-1 α ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER1094	Rat IL-1 β ELISA Kit	18.75pg/ml	31.25-2000pg/ml
ER0039	Rat IL-2 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
ER0040	Rat IL-3 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER0041	Rat IL-4 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER0114	Rat IL-5 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER0042	Rat IL-6 ELISA Kit	37.5pg/ml	62.5-4000pg/ml
ER0146	Rat IL-7 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER1107	Rat IL-9 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER0033	Rat IL-10 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
ER0093	Rat IL-11 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER1086	Rat IL-12 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER1087	Rat IL-12/p40 ELISA Kit	7.031pg/ml	11.719-750pg/ml
ER1588	Rat IL-12/P70 ELISA Kit	1.875pg/ml	3.125-200pg/ml
ER1863	Rat IL-12a ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER0034	Rat IL-13 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER0107	Rat IL-15 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER1089	Rat IL-16 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER0035	Rat IL-17a ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER0036	Rat IL-18 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
ER1589	Rat IL-19 ELISA Kit	23.438pg/ml	39.063-2500pg/ml
ER1590	Rat IL-20 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
ER0161	Rat IL-21 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER1630	Rat IL-22 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER1096	Rat IL-23 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER0136	Rat IL-23a ELISA Kit	18.75pg/ml	31.25-2000pg/ml
ER0165	Rat IL-24 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER1097	Rat IL-25 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER1098	Rat IL-27 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER1903	Rat IL-33 ELISA Kit	9.375pg/ml	15.625-1000pg/ml

• Interferons

Interferons are glycoproteins with high specificity. So interferons of animals are invalid for human. Interferons have the effect of anti-virus and tumor, inhibit cell proliferation and regulate immunity.

• Interferons

Cat.NO	Product name	Sensitivity	Range
EH3252	Human IFN- α ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH0485	Human IFN- β ELISA Kit	37.5pg/ml	62.5-4000pg/ml
EH0164	Human IFN- γ ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM1146	Mouse IFN- α ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM1148	Mouse IFN- β ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM0093	Mouse IFN- γ ELISA Kit	18.75pg/ml	31.25-2000pg/ml
ER1070	Rat IFN- α ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER1071	Rat IFN- β ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER0012	Rat IFN- γ ELISA Kit	9.375pg/ml	15.625-1000pg/ml

• Transforming Growth Factors

Transforming growth factor (TGF) refers to two classes of pleiotropic growth factors, transforming growth factor- α and transforming growth factor- β . Transforming growth factor- α is produced by macrophages, brain cells, and epidermal cells to induce epithelial development. There are three isoforms of human transforming growth factor β , TGF β 1, TGF β 2, TGF β 3. Transforming growth factor β are multifunctional proteins that can affect a wide range of cell growth, differentiation, apoptosis, and immunomodulatory functions. Transforming growth factor β belongs to thousand transforming growth factor-limited superfamily proteins. Transforming growth factor β can bind to the cell surface of the transforming growth factor β receptor binding and activate its receptor. The transforming growth factor β receptor is a serine/threonine kinase receptor. Its signalling can be via the SMAD signalling pathway and/or the DAXX signalling pathway.

Cat.NO	Product name	Sensitivity	Range
EH0284	Human TGF- α ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH0287	Human TGF- β 1 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EH0288	Human TGF- β 2 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH0289	Human TGF- β 3 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM1405	Mouse TGF- α ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM0176	Mouse TGF- β 1 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EM0177	Mouse TGF- β 2 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM0178	Mouse TGF- β 3 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER0126	Rat TGF- α ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER1378	Rat TGF- β 1 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
ER0062	Rat TGF- β 2 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER0063	Rat TGF- β 3 ELISA Kit	9.375pg/ml	15.625-1000pg/ml

• Chemokines

CC chemokines, a class of low molecular weight (8-15 kDa) soluble proteins with an N-terminal CC structural domain, were originally identified as mediators of inflammatory processes and regulators of leukocyte trafficking. All chemokines have the same overall structure: at least three β -folded sheets, an α -helix in the C-terminal domain, and a disulfide bond connecting conserved cysteine residues. Based on the arrangement of the first two N-terminal cysteine residues in their amino acid sequence, chemokines can be divided into four families: the CXC (or α) family, the CC (or β) family, the CX3C (or δ) family, and the C (or γ) family. Most chemokines exert their biological effects through the activation of G protein-coupled seven times transmembrane receptors (GPCRs). Chemokines are a class of soluble cytokines that act as chemoattractants to guide the migration of cells, especially immune cells, and are also involved in cell proliferation, differentiation, and survival, and have been implicated in a wide range of human diseases, including chronic inflammation, immune dysfunction, cancer, and metastasis.

Cat.NO	Product name	Sensitivity	Range
EH4867	Human CCL1 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH0222	Human CCL2 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH0067	Human CCL4 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EH0068	Human CCL7 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH0069	Human CCL8 ELISA Kit	3.75pg/ml	6.25-400pg/ml

• Chemokines

Cat.NO	Product name	Sensitivity	Range
EH0121	Human CCL11 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH0056	Human CCL13 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH0057	Human CCL14 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH0058	Human CCL15 ELISA Kit	11.719pg/ml	19.531-1250pg/ml
EH0059	Human CCL16 ELISA Kit	46.875pg/ml	78.125-5000pg/ml
EH0060	Human CCL17 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EH0061	Human CCL18 ELISA Kit	46.875pg/ml	78.125-5000pg/ml
EH0223	Human CCL22 ELISA Kit	37.5pg/ml	62.5-4000pg/ml
EH0063	Human CCL23 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH0064	Human CCL24 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH0065	Human CCL25 ELISA Kit	37.5pg/ml	62.5-4000pg/ml
EH14183	Human CCL26 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH0066	Human CCL27 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH0675	Human CCL28 ELISA Kit	0.188ng/ml	0.313-20ng/ml
EM0026	Mouse CCL1 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM0135	Mouse CCL2 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM1474	Mouse CCL6 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM1204	Mouse CCL7 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM1203	Mouse CCL8 ELISA Kit	3.75pg/ml	6.25-400pg/ml
EM1931	Mouse CCL9 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM0996	Mouse CCL11 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EM0027	Mouse CCL12 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EM0137	Mouse CCL22 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM1217	Mouse CCL24 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM1932	Mouse CCL28 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
ER0810	Rat CCL1 ELISA Kit	37.5pg/ml	62.5-4000pg/ml
ER0047	Rat CCL2 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER0048	Rat CCL7 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER0198	Rat CCL11 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
ER1145	Rat CCL22 ELISA Kit	9.375pg/ml	15.625-1000pg/ml

• CXC Chemokines

The CXC subfamily (α -chemokines) are pleiotropic cytokines characterised by four highly conserved cysteine amino acid residues, two of which (C) are spaced by a non-cysteine residue (X). The CXC subfamily is widely known for its ability to promote a variety of leukocyte transports and regulate angiogenesis and vascular remodelling. Depending on the presence or absence of the ELR motif (Glu-Leu-Arg sequence) in CXC chemokines, they are considered to be potent promoters or inhibitors of angiogenesis.

Cat.NO	Product name	Sensitivity	Range
EH0005	Human CXCL1 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH3178	Human CXCL2 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH3179	Human CXCL3 ELISA Kit	4.688pg/ml	7.813-500pg/ml
EH0106	Human CXCL5 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EH0107	Human CXCL6 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EH0007	Human CXCL7 ELISA Kit	9.375pg/ml	15.625-1000pg/ml

• CXC Chemokines

Cat.NO	Product name	Sensitivity	Range
EH0008	Human CXCL9 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EH0141	Human CX3CL1 ELISA Kit	75pg/ml	125-8000pg/ml
EH0102	Human CXCL10 ELISA Kit	4.688pg/ml	7.813-500pg/ml
EH0006	Human CXCL11 ELISA Kit	37.5pg/ml	62.5-4000pg/ml
EH0103	Human CXCL13 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH1843	Human CXCL14 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EH0105	Human CXCL16 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EH7705	Human CXCL17 ELISA Kit	4.688pg/ml	7.813-500pg/ml
EM0003	Mouse CXCL1 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM1090	Mouse CXCL2 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM1091	Mouse CXCL3 ELISA Kit	4.688pg/ml	7.813-500pg/ml
EM0006	Mouse CXCL4 ELISA Kit	46.875pg/ml	78.125-5000pg/ml
EM2021	Mouse CXCL7 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM0967	Mouse CXCL9 ELISA Kit	28.125pg/ml	46.875-3000pg/ml
EM0004	Mouse CXCL10 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EM0005	Mouse CXCL16 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EM0008	Mouse CX3CL1 ELISA Kit	0.234ng/ml	0.391-25ng/ml
ER1014	Rat CXCL1 ELISA Kit	3.75pg/ml	6.25-400pg/ml
ER1015	Rat CXCL2 ELISA Kit	4.688pg/ml	7.813-500pg/ml
ER1016	Rat CXCL3 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER1157	Rat CXCL9 ELISA Kit	0.094ng/ml	0.156-10ng/ml
ER0029	Rat CXCL10 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
ER0882	Rat CXCL16 ELISA Kit	0.094ng/ml	0.156-10ng/ml
ER0024	Rat CX3CL1 ELISA Kit	0.094ng/ml	0.156-10ng/ml

• Leukocyte Differentiation Antigens

CD differentiation cluster or group, also called leukocyte differentiation antigen, refers to different lineage of leukocytes appear or disappear during normal different stages of differentiation, maturity and activation. In physiology, CD molecules have many applications. Usually, they are used as important cell receptors or ligands, including T cells, B cells, myeloid cells, NK cells, platelets, activated antigens, adhesion molecules, endothelial cells, and cytokine receptors etc. Also as surface markers for cell identification and isolation, they're involved in cell growth, maturation, differentiation, development, migration, and activation.

Cat.NO	Product name	Sensitivity	Range
EH0466	Human CD2 ELISA Kit	0.188ng/ml	0.313-20ng/ml
EH1234	Human CD3D ELISA Kit	0.094ng/ml	0.156-10ng/ml
EH1976	Human CD3E ELISA Kit	0.375ng/ml	0.625-40ng/ml
EH7200	Human CD4 ELISA Kit	37.5pg/ml	62.5-4000pg/ml
EH2229	Human CD5L ELISA Kit	0.094ng/ml	0.156-10ng/ml
EH7216	Human CD7 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH1091	Human CD8A ELISA Kit	37.5pg/ml	62.5-4000pg/ml
EH7227	Human CD9 ELISA Kit	0.188ng/ml	0.313-20ng/ml
EH0072	Human CD13 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EH3747	Human sCD14 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EH4869	Human CD19 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EH0078	Human CD21 ELISA Kit	0.188ng/ml	0.313-20ng/ml

• Leukocyte Differentiation Antigens

Cat.NO	Product name	Sensitivity	Range
EH0079	Human CD23 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EH2150	Human CD24 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EH0081	Human CD25 ELISA Kit	56.25pg/ml	93.75-6000pg/ml
EH0003	Human CD26 ELISA Kit	0.188ng/ml	0.313-20ng/ml
EH7182	Human CD27 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EH0653	Human CD28 ELISA Kit	0.375ng/ml	0.625-40ng/ml
EH0083	Human CD32 ELISA Kit	28.125pg/ml	46.875-3000pg/ml
EH2020	Human CD34 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EH1032	Human CD38 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EH1424	Human CD42 ELISA Kit	1.875ng/ml	3.125-200ng/ml
EH0654	Human CD44 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EH3290	Human CD45 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EH1452	Human CD46 ELISA Kit	4.688pg/ml	7.813-500pg/ml
EH3247	Human CD47 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EH4332	Human CD48 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EH1286	Human CD52 ELISA Kit	0.188ng/ml	0.313-20ng/ml
EH0915	Human CD55 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EH0087	Human CD56 ELISA Kit	46.875pg/ml	78.125-5000pg/ml
EH1082	Human CD58 ELISA Kit	7.5pg/ml	12.5-800pg/ml
EH2112	Human CD59 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EH2210	Human CD68 ELISA Kit	0.188ng/ml	0.313-20ng/ml
EH1314	Human CD69 ELISA Kit	46.875pg/ml	78.125-5000pg/ml
EH4178	Human CD72 ELISA Kit	0.469ng/ml	0.781-50ng/ml
EH1531	Human CD74 ELISA Kit	0.375ng/ml	0.625-40ng/ml
EH0088	Human CD80 ELISA Kit	46.875pg/ml	78.125-5000pg/ml
EH7221	Human CD81 ELISA Kit	0.188ng/ml	0.313-20ng/ml
EH14159	Human CD83 ELISA Kit	46.875pg/ml	78.125-5000pg/ml
EH0659	Human CD86 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EH0089	Human CD93 ELISA Kit	0.188ng/ml	0.313-20ng/ml
EH7229	Human CD97 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EH0467	Human CD99 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EH1701	Human CD109 ELISA Kit	0.188ng/ml	0.313-20ng/ml
EH0073	Human CD147 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH0075	Human sCD163 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH0076	Human CD169 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EH1752	Human CD177 ELISA Kit	46.875pg/ml	78.125-5000pg/ml
EH0077	Human CD200 ELISA Kit	75pg/ml	125-8000pg/ml
EH7175	Human CD209 ELISA Kit	46.875pg/ml	78.125-5000pg/ml
EH7177	Human CD226 ELISA Kit	46.875pg/ml	78.125-5000pg/ml
EH7180	Human CD244 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EH12892	Human CD248 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EH0634	Human CD276 ELISA Kit	0.469ng/ml	0.781-50ng/ml
EH7192	Human CD320 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EM0911	Mouse CD3 ELISA Kit	0.234ng/ml	0.391-25ng/ml

• Leukocyte Differentiation Antigens

Cat.NO	Product name	Sensitivity	Range
EM0688	Mouse CD3e ELISA Kit	0.938ng/ml	1.563-100ng/ml
EM0912	Mouse CD4 ELISA Kit	0.234ng/ml	0.391-25ng/ml
EM0762	Mouse CD5L ELISA Kit	0.938ng/ml	1.563-100ng/ml
EM2068	Mouse CD8a ELISA Kit	46.875pg/ml	78.125-5000pg/ml
EM2106	Mouse CD9 ELISA Kit	18.75pg/ml	31.2-2000pg/ml
EM0039	Mouse CD14 ELISA Kit	0.375ng/ml	0.625-40ng/ml
EM1903	Mouse CD40 ELISA Kit	4.688pg/ml	7.813-500pg/ml
EM0689	Mouse CD19 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EM1914	Mouse CD20 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EM1164	Mouse CD25 ELISA Kit	46.875pg/ml	78.125-5000pg/ml
EM1632	Mouse CD26 ELISA Kit	46.875pg/ml	78.125-5000pg/ml
EM1874	Mouse CD28 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EM0046	Mouse CD30 ELISA Kit	28.125pg/ml	46.875-3000pg/ml
EM2038	Mouse CD38 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM0433	Mouse CD44 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EM1938	Mouse CD47 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EM1852	Mouse CD55 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EM0725	Mouse CD59 ELISA Kit	46.875pg/ml	78.125-5000pg/ml
EM0759	Mouse CD68 ELISA Kit	0.469ng/ml	0.781-50ng/ml
EM6405	Mouse CD74 ELISA Kit	46.875pg/ml	78.125-5000pg/ml
EM6407	Mouse CD83 ELISA Kit	46.9pg/ml	78-5000pg/ml
EM0722	Mouse CD93 ELISA Kit	0.469ng/ml	0.781-50ng/ml
EM1344	Mouse sCD100 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EM1165	Mouse CD122 ELISA Kit	37.5pg/ml	62.5-4000pg/ml
EM1345	Mouse sCD146 ELISA Kit	0.188ng/ml	0.313-20ng/ml
EM1475	Mouse sCD163 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EM6398	Mouse CD200 ELISA Kit	46.875pg/ml	78.125-5000pg/ml
EM0786	Mouse CD209a ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM0399	Mouse CD274 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER0815	Rat CD3 ELISA Kit	0.188ng/ml	0.313-20ng/ml
ER0411	Rat CD4 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
ER0399	Rat CD8a ELISA Kit	0.094ng/ml	0.156-10ng/ml
ER1320	Rat sCD14 ELISA Kit	0.938ng/ml	1.563-100ng/ml
ER0814	Rat CD28 ELISA Kit	0.188ng/ml	0.313-20ng/ml
ER0795	Rat CD38 ELISA Kit	1.875ng/ml	3.125-200ng/ml
ER0342	Rat CD44 ELISA Kit	0.188ng/ml	0.313-20ng/ml
ER1596	Rat CD45 ELISA Kit	0.094ng/ml	0.156-10ng/ml
ER0635	Rat CD59 ELISA Kit	0.094ng/ml	0.156-10ng/ml
ER6233	Rat CD63 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER0818	Rat CD68 ELISA Kit	0.469ng/ml	0.781-50ng/ml
ER0014	Rat sCD80 ELISA Kit	46.875pg/ml	78.125-5000pg/ml
ER0001	Rat SCD86 ELISA Kit	0.375ng/ml	0.625-40ng/ml
ER0820	Rat CD97 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER6231	Rat CD200 ELISA Kit	46.875pg/ml	78.125-5000pg/ml

• Epidermal Growth Factor

Epidermal growth factor (EGF) is a heat-resistant, single-chain, low-molecular polypeptide consisting of 53 amino acid residues. EGF specifically recognises and binds to the EGF receptor on the target cell and then undergoes a series of biochemical reactions, which ultimately promotes DNA synthesis and mitosis in the target cell. EGF has no glycosylated sites, is very stable, heat- and acid-resistant, and is widely present in body fluids and in a variety of glands, mainly by the submaxillary gland, EGF is synthesised in the duodenum, and has been found in most body fluids, with specifically increased levels in breast milk, urine, and semen, but lower concentrations in serum. EGF has a wide range of roles, and is important for estimating the prognosis of tumours, selecting treatment options, and treating gastric ulcers, liver failure, and other therapies.

Cat.NO	Product name	Sensitivity	Range
EH0009	Human EGF ELISA Kit	2.344pg/ml	3.906-250pg/ml
EM0007	Mouse EGF ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER0018	Rat EGF ELISA Kit	2.344pg/ml	3.906-250pg/ml

• Fibroblast Growth Factor

There are several isoforms of fibroblast growth factor, and the main one that plays a role in atherosclerotic foci is bFGF. bFGF can be secreted by endothelial cells, smooth muscle cells, and macrophages. It works by promoting endothelial cell wander and smooth muscle cell proliferation, and cannot make smooth muscle cells wander. It is able to promote neointimal formation and repair damaged endothelial cells. fGF is considered a lesion formation promoting factor, but it also has a favourable side from a repair point of view.

Cat.NO	Product name	Sensitivity	Range
EH0501	Human FGF1 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EH0541	Human FGF2 ELISA Kit	7.5pg/ml	12.5-800pg/ml
EH0131	Human FGF4 ELISA Kit	37.5pg/ml	62.5-4000pg/ml
EH0883	Human FGF5 ELISA Kit	46.875pg/ml	78.125-5000pg/ml
EH0710	Human FGF6 ELISA Kit	56.25pg/ml	93.75-6000pg/ml
EH0132	Human FGF7 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EH2123	Human FGF8 ELISA Kit	7.5pg/ml	12.5-800pg/ml
EH0133	Human FGF9 ELISA Kit	37.5pg/ml	62.5-4000pg/ml
EH1979	Human FGF10 ELISA Kit	4.688pg/ml	7.813-500pg/ml
EH8505	Human FGF17 ELISA Kit	0.938pg/ml	1.563-100pg/ml
EH0129	Human FGF19 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH2502	Human FGF20 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH0130	Human FGF21 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH14500	Human FGF22 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH3058	Human FGF23 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM0078	Mouse FGF1 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EM0869	Mouse FGF2 ELISA Kit	7.5pg/ml	12.5-800pg/ml
EM1022	Mouse FGF6 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM1023	Mouse FGF7 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM0330	Mouse FGF9 ELISA Kit	37.5pg/ml	62.5-4000pg/ml
EM0692	Mouse FGF10 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EM0286	Mouse FGF15 ELISA Kit	2.813pg/ml	4.688-300pg/ml
EM0254	Mouse FGF21 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EM0271	Mouse FGF23 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER0022	Rat FGF1 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER0764	Rat FGF2 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER0951	Rat FGF4 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER2081	Rat FGF5 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
ER0952	Rat FGF6 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER0173	Rat FGF7 ELISA Kit	9.375pg/ml	15.625-1000pg/ml

• Fibroblast Growth Factor

Cat.NO	Product name	Sensitivity	Range
ER0224	Rat FGF9 ELISA Kit	37.5pg/ml	62.5-4000pg/ml
ER0948	Rat FGF-10 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER2031	Rat FGF18 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER0949	Rat FGF19 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER0950	Rat FGF21 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
ER0147	Rat FGF23 ELISA Kit	9.375pg/ml	15.625-1000pg/ml

• Platelet-derived Growth Factor

Platelet-derived growth factor (PDGF) is a peptide regulator discovered in 1974 to stimulate the growth of connective tissue and other tissues, named after its origin from platelets. It is present in the alpha granules of platelets under normal physiological conditions, and is released from disintegrating platelets and activated when the blood coagulates, and has the biological activity of stimulating the chemotaxis of specific cells and promoting the growth of specific cells. In addition, PDGF is synthesised and released by macrophages, vascular smooth muscle cells, fibroblasts, endothelial cells, embryonic stem cells, etc., in response to tissue damage. Macrophages, platelets, infiltrating inflammatory cells, damaged endothelial cells, and activated hepatic astrocytes secrete PDGF in an autocrine, paracrine, or paracrine manner in response to liver damage. The bound PDGF is a heat-stable glycoprotein with a molecular weight of 30KD, and is a dimer of two polypeptide chains A and B linked by disulfide bonds.

Cat.NO	Product name	Sensitivity	Range
EH3531	Human PDGF ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EH0511	Human PDGFA ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH3532	Human PDGF-AA ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH0139	Human PDGF-AB ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH0548	Human PDGFB ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH0254	Human PDGF-BB ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EH0536	Human PDGFC ELISA Kit	37.5pg/ml	62.5-4000pg/ml
EH0612	Human PDGFD ELISA Kit	7.5pg/ml	12.5-800pg/ml
EM1268	Mouse PDGF ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EM0269	Mouse PDGFB ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EM1269	Mouse PDGF-BB ELISA Kit	0.094ng/ml	0.156-10ng/ml
EM1270	Mouse PDGFC ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EM1271	Mouse PDGFD ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER1240	Rat PDGF ELISA Kit	0.094ng/ml	0.156-10ng/ml
ER1241	Rat PDGFA ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER0056	Rat PDGF-AB ELISA Kit	4.688pg/ml	7.813-500pg/ml
ER0145	Rat PDGFB ELISA Kit	18.75pg/ml	31.25-2000pg/ml
ER1242	Rat PDGF-BB ELISA Kit	18.75pg/ml	31.25-2000pg/ml
ER0312	Rat PDGFC ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER1244	Rat PDGFD ELISA Kit	0.188ng/ml	0.313-20ng/ml

• Vascular Endothelial Growth Factor

Vascular endothelial growth factor (VEGF) is a highly specific pro-vascular endothelial cell growth factor that promotes increased vascular permeability, extracellular matrix degeneration, vascular endothelial cell migration, proliferation, and angiogenesis. Vascular endothelial growth factor is usually referred to as a glycoprotein in human physiology. When the body is subjected to traumatic brain injury, and therefore increased expression of vascular endothelial growth factor during the healing process of the trauma, it promotes tissue healing and growth.

Cat.NO	Product name	Sensitivity	Range
EH0327	Human VEGF ELISA Kit	18.75pg/ml	31.25-2000pg/ml

• Vascular Endothelial Growth Factor

Cat.NO	Product name	Sensitivity	Range
EH0328	Human VEGFC ELISA Kit	0.188ng/ml	0.313-20ng/ml
EH3950	Human VEGF165 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EH3952	Human VEGFB ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH3953	Human VEGFD ELISA Kit	37.5pg/ml	62.5-4000pg/ml
EM0205	Mouse VEGF ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM0216	Mouse VEGFb ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM0217	Mouse VEGFc ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EM1444	Mouse VEGFd ELISA Kit	18.75pg/ml	31.25-2000pg/ml
ER0069	Rat VEGF ELISA Kit	18.75pg/ml	31.25-2000pg/ml
ER0085	Rat VEGFb ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER1424	Rat VEGFc ELISA Kit	4.688pg/ml	7.813-500pg/ml
ER1425	Rat VEGFd ELISA Kit	9.375pg/ml	15.625-1000pg/ml

• GM-CSF

GM-CSF granulocyte-macrophage colony-stimulating factor is a drug used clinically for various causes of leukopenia or granulocytopenia.

Cat.NO	Product name	Sensitivity	Range
EH0149	Human G-CSF ELISA Kit	23.438pg/ml	39.063-2500pg/ml
EH0153	Human GM-CSF ELISA Kit	4.688pg/ml	7.813-500pg/ml
EM0086	Mouse G-CSF ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM0089	Mouse GM-CSF ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER0982	Rat G-CSF ELISA Kit	9.375pg/ml	15.625-1000pg/ml

• M-CSF

M-Colony Stimulating Factor (M-CSF), also known as Colony Stimulating Factor-1 (CSF-1), is a lineage-specific cytokine. M-CSF is a dimeric glycoprotein linked by interchain disulfide bonds, which is mainly found in the lumen of the bone marrow, and has an important role in the proliferation, differentiation, and maintenance of the activity of monocytes. It also regulates placental function and promotes bone resorption. M-CSF is synthesised in mesenchymal cells such as fibroblasts, osteoblasts and endothelial cells, and is also produced in activated macrophages, B-cells, T-cells and a variety of tumour cells.

Cat.NO	Product name	Sensitivity	Range
EH0014	Human M-CSF ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EM1521	Mouse M-CSF ELISA Kit	4.688pg/ml	7.813-500pg/ml
ER0026	Rat GM-CSF ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER1144	Rat M-CSF ELISA Kit	9.375pg/ml	15.625-1000pg/ml

• MIPs

Both MIP-1 α and MIP-1 β are structurally and functionally related CC chemokines. They regulate the transport and activation status of selected inflammatory cell subsets (e.g. macrophages, lymphocytes and NK cells) by involved in the host response to invading bacterial, viral, parasitic and fungal pathogens. MIP-1 α and MIP-1 β have been shown to be potent chemoattractants for B cells, eosinophils and dendritic cells. MIP-1 α and MIP-1 β have been shown to be potent chemoattractants for B cells, eosinophils and dendritic cells. Recombinant human MIP-1 α is a 7.8 kDa protein containing 70 amino acid residues, including four highly conserved cysteine residues present in CC chemokines.

Cat.NO	Product name	Sensitivity	Range
EH0230	Human MIP-1 α ELISA Kit	14.063pg/ml	23.438-1500pg/ml
EH0231	Human MIP-3 α ELISA Kit	9.375pg/ml	15.625-1000pg/ml

• MIPs

Cat.NO	Product name	Sensitivity	Range
EH0002	Human MIP-3 β ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EH3361	Human MIP-4 α ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EM1208	Mouse MIP-1 α ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM1209	Mouse MIP-1 β ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM1210	Mouse MIP-3 α ELISA Kit	4.688pg/ml	7.813-500pg/ml
EM1211	Mouse MIP-3 β ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER0049	Rat MIP-1 α ELISA Kit	18.75pg/ml	31.25-2000pg/ml
ER1153	Rat MIP-1 β ELISA Kit	0.938pg/ml	1.563-100pg/ml
ER0050	Rat MIP-3 α ELISA Kit	46.875pg/ml	78.125-5000pg/ml
ER1156	Rat MIP-3 β ELISA Kit	9.375pg/ml	15.625-1000pg/ml

• MMPs

Matrix metalloproteinases (MMPs), also known as matrix metalloproteinases or matrixins, are a class of zinc-dependent protein hydrolases that degrade a wide range of proteins in the extracellular matrix (ECM). MMPs play key roles in many biological processes, such as embryogenesis, normal tissue remodelling, wound healing, and angiogenesis, as well as in diseases such as atherosclerosis, arthritis, cancer and tissue ulcers.

Cat.NO	Product name	Sensitivity	Range
EH0232	Human MMP-1 ELISA Kit	46.875pg/ml	78.125-5000pg/ml
EH0017	Human MMP-2 ELISA Kit	0.191ng/ml	0.5-32ng/ml
EH0235	Human MMP-3 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EH0236	Human MMP-7 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EH0237	Human MMP-8 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EH0238	Human MMP-9 ELISA Kit	0.188ng/ml	0.313-20ng/ml
EH3367	Human MMP-10 ELISA Kit	46.875pg/ml	78.125-5000pg/ml
EH0782	Human MMP11 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EH0233	Human MMP-12 ELISA Kit	0.188ng/ml	0.313-20ng/ml
EH0234	Human MMP13 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EH0369	Human MMP-14 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EH14857	Human MMP-15 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EH1875	Human MMP-16 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EH0951	Human MMP-17 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EH1665	Human MMP-19 ELISA Kit	0.469ng/ml	0.781-50ng/ml
EH3371	Human MMP-24 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EH3372	Human MMP-25 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EH1432	Human MMP-26 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EH2038	Human MMP-28 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EM1213	Mouse MMP-1 ELISA Kit	75pg/ml	125-8000pg/ml
EM0142	Mouse MMP-2 ELISA Kit	0.188ng/ml	0.313-20ng/ml
EM0143	Mouse MMP-3 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EM0241	Mouse MMP-7 ELISA Kit	37.5pg/ml	62.5-4000pg/ml
EM0242	Mouse MMP-8 ELISA Kit	0.188ng/ml	0.313-20ng/ml
EM0144	Mouse MMP-9 ELISA Kit	46.875pg/ml	78.125-5000pg/ml
EM0302	Mouse MMP-10 ELISA Kit	37.5pg/ml	62.5-4000pg/ml
EM0141	Mouse MMP-12 ELISA Kit	0.094ng/ml	0.156-10ng/ml

• MMPs

Cat.NO	Product name	Sensitivity	Range
EM0303	Mouse MMP-13 ELISA Kit	46.875pg/ml	78.125-5000pg/ml
EM1952	Mouse MMP-14 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM1214	Mouse MMP-17 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EM1215	Mouse MMP-24 ELISA Kit	0.094ng/ml	0.156-10ng/ml
ER1158	Rat MMP-1 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER0051	Rat MMP-2 ELISA Kit	0.188ng/ml	0.313-20ng/ml
ER1164	Rat MMP-3 ELISA Kit	0.094ng/ml	0.156-10ng/ml
ER1165	Rat MMP-7 ELISA Kit	0.094ng/ml	0.156-10ng/ml
ER1166	Rat MMP-8 ELISA Kit	46.875pg/ml	78.125-5000pg/ml
ER0139	Rat MMP-9 ELISA Kit	46.875pg/ml	78.125-5000pg/ml
ER1159	Rat MMP-10 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER1160	Rat MMP-12 ELISA Kit	46.875pg/ml	78.125-5000pg/ml
ER1161	Rat MMP-13 ELISA Kit	0.188ng/ml	0.313-20ng/ml
ER1919	Rat MMP-14 ELISA Kit	18.75pg/ml	31.25-2000pg/ml
ER1162	Rat MMP-17 ELISA Kit	0.094ng/ml	0.156-10ng/ml
ER1163	Rat MMP-24 ELISA Kit	0.094ng/ml	0.156-10ng/ml

• TLRs

Toll-like receptors (TLRs) are an important class of protein molecules involved in non-specific immunity (natural immunity), and it has recently been found that TLRs bind some endogenous molecules (i.e. endogenous ligands) produced by the body itself. The molecular and cellular mechanisms by which immune adjuvants can enhance anti-tumour immunity have been further elucidated and TLR also plays an important role. Since tumours can produce some endogenous ligands that can be recognised by TLR during their development, TLR may play a role in tumour immunosurveillance. TLRs are single transmembrane non-catalytic proteins that recognise molecules of microbial origin with conserved structures. When microorganisms break through physical barriers in the body, such as skin and mucous membranes, TLR can recognise them and activate the body to generate an immune cell response.

Cat.NO	Product name	Sensitivity	Range
EH4220	Human TLR1 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EH0300	Human TLR2 ELISA Kit	0.188ng/ml	0.313-20ng/ml
EH0301	Human TLR3 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EH1033	Human TLR4 ELISA Kit	0.188ng/ml	0.313-20ng/ml
EH4931	Human TLR8 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EH1019	Human TLR9 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EM0708	Mouse TLR1 ELISA Kit	0.094ng/ml	0.156-10ng/ml
EM0182	Mouse TLR2 ELISA Kit	0.188ng/ml	0.313-20ng/ml
EM0451	Mouse TLR4 ELISA Kit	0.188ng/ml	0.313-20ng/ml
EM0437	Mouse TLR6 ELISA Kit	0.188ng/ml	0.313-20ng/ml
EM1412	Mouse TLR9 ELISA Kit	0.094ng/ml	0.156-10ng/ml
ER1387	Rat TLR2 ELISA Kit	0.188ng/ml	0.313-20ng/ml
ER0363	Rat TLR4 ELISA Kit	0.188ng/ml	0.313-20ng/ml
ER1388	Rat TLR9 ELISA Kit	0.094ng/ml	0.156-10ng/ml

• Other Cytokines

Cat.NO	Product name	Sensitivity	Range
EH0357	Human EPO ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EH0507	Human LIF ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EH0514	Human SCF ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EH0422	Human TPO ELISA Kit	18.75pg/ml	31.25-2000pg/ml
EM0807	Mouse Anpep ELISA Kit	0.469ng/ml	0.781-50ng/ml
EM0878	Mouse BRAK ELISA Kit	0.094ng/ml	0.156-10ng/ml
EM0073	Mouse Epo ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM1004	Mouse ENA-78 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM0237	Mouse Lif ELISA Kit	46.875pg/ml	78.125-5000pg/ml
EM0171	Mouse SCF ELISA Kit	9.375pg/ml	15.625-1000pg/ml
EM0198	Mouse TPO ELISA Kit	1.875pg/ml	3.125-200pg/ml
ER0698	Rat Anpep ELISA Kit	0.094ng/ml	0.156-10ng/ml
ER0776	Rat BRAK ELISA Kit	56.25pg/ml	93.75-6000pg/ml
ER0170	Rat Epo ELISA Kit	37.5pg/ml	62.5-4000pg/ml
ER0922	Rat ENA-78 ELISA Kit	9.375pg/ml	15.625-1000pg/ml
ER0231	Rat Lif ELISA Kit	46.875pg/ml	78.125-5000pg/ml
ER0202	Rat TPO ELISA Kit	18.75pg/ml	31.25-2000pg/ml
ER1323	Rat SCF ELISA Kit	9.375pg/ml	15.625-1000pg/ml

Selected high IF Citations

Cat.NO	Article Title	Journal Title	IF
EM1165	Targeting a disintegrin and metalloprotease (ADAM) 17-CD122 axis enhances CD8 T cell effector differentiation and anti-tumor immunity	Signal Transduction and Targeted Therapy	40.8
EH0173	Exosome circATP8A1 induces macrophage M2 polarization by regulating the miR-1-3p/STAT6 axis to promote gastric cancer progression	Molecular Cancer	37.3
EH0287			
EM0093	Turning Waste into Wealth: A Potent Sono-Immune Strategy Based on Microcystis	Advanced Materials	27.4
EH0302	Single-cell transcriptome analyses reveal disturbed decidual homeostasis in obstetric antiphospholipid syndrome	Annals of the Rheumatic Diseases	27.4
EH0164			
EM0183	Ligustrazine Nanoparticle Hitchhiking on Neutrophils for Enhanced Therapy of Cerebral Ischemia-Reperfusion Injury	Advanced Science	17.521
EM0109			
EM0003	A commensal protozoan attenuates Clostridioides difficile pathogenesis in mice via arginine-ornithine metabolism and host intestinal immune response	Nature Communications	16.6
EH0185	Vitamin D3 and carbamazepine protect against Clostridioides difficile infection in mice by restoring macrophage lysosome acidification	Autophagy	16.016
EM1592			

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