



Human Ly6/PLAUR domain-containing protein 3(LYPD3) ELISA kit

Product Code	CSB-EL013263HU
Abbreviation	LYPD3
Target Name	LY6/PLAUR domain containing 3
Uniprot No.	O95274
Alias	C4.4A, 2310061G07Rik GPI-anchored metastasis-associated protein homolog
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Sample Types	serum, plasma, tissue homogenates
Detection Range	31.25 pg/mL-2000 pg/mL
Sensitivity	7.81 pg/mL
Assay Time	1-5h
Sample Volume	50-100ul
Detection Wavelength	450 nm
Lead Time	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
Research Area	Cancer
Gene Names	LYPD3
Tag Info	quantitative
Protein Description	Sandwich
Description	This Human LYPD3 ELISA Kit was designed for the quantitative measurement of Human LYPD3 protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 31.25 pg/mL-2000 pg/mL and the sensitivity is 7.81 pg/mL.
Product Precision	Intra-assay Precision (Precision within an assay): CV%<8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV%<10% Three samples of known concentration were tested in twenty assays to assess.
Linearity	To assess the linearity of the assay, samples were spiked with high concentrations of human LYPD3 in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.



	Sample	Serum(n=4)
1:1	Average %	101
	Range %	94-105
1:2	Average %	88
	Range %	81-93
1:4	Average %	94
	Range %	87-97
1:8	Average %	92
	Range %	84-96

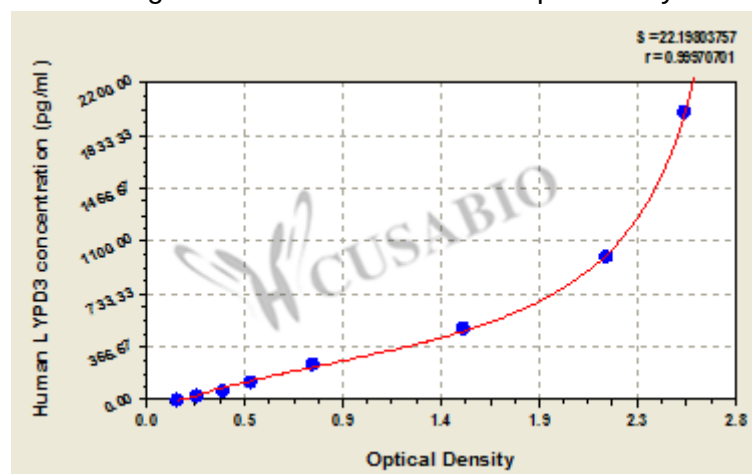
Recovery

The recovery of human LYPD3 spiked to levels throughout the range of the assay in various matrices was evaluated. Samples were diluted prior to assay as directed in the Sample Preparation section.

Sample Type	Average % Recovery	Range
Serum (n=5)	90	87-94
EDTA plasma (n=4)	92	85-97

Typical

These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



pg/ml	OD1	OD2	Average	Corrected
2000	2.626	2.446	2.536	2.378
1000	2.228	2.113	2.171	2.013
500	1.506	1.488	1.497	1.339
250	0.803	0.785	0.794	0.636
125	0.502	0.491	0.497	0.339
62.5	0.377	0.364	0.371	0.213
31.25	0.246	0.251	0.249	0.091
0	0.156	0.160	0.158	

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