



Human Sal-like protein 4(SALL4) ELISA kit

Product Code	CSB-EL020676HU
Abbreviation	SALL4
Protein Biological Process 1	Transcription/Transcription regulation
Target Name	sal-like 4 (Drosophila)
Uniprot No.	Q9UJQ4
Alias	DRRS, HSAL4, MGC133050, ZNF797, dJ1112F19.1, sal-like 4
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Protein Biological Process 3	Transcription
Sample Types	serum, plasma, tissue homogenates, cell lysates
Detection Range	37.5 pg/mL-2400 pg/mL
Sensitivity	9.37 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	Epigenetics and Nuclear Signaling
Gene Names	SALL4
Tag Info	quantitative
Protein Description	Sandwich
Description	This Human SALL4 ELISA Kit was designed for the quantitative measurement of Human SALL4 protein in serum, plasma, tissue homogenates, cell lysates. It is a Sandwich ELISA kit, its detection range is 37.5 pg/mL-2400 pg/mL and the sensitivity is 9.37 pg/mL.
Target Details	This protein may be a zinc finger transcription factor. Defects in this gene are a cause of Duane-radial ray syndrome (DRRS).
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 SALL4 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 %	89
	Range %	85-92
1:2	Average %	102
	Range %	97-107
1:4	Average %	90
	Range %	85-95
1:8	Average %	97
	Range %	91-103

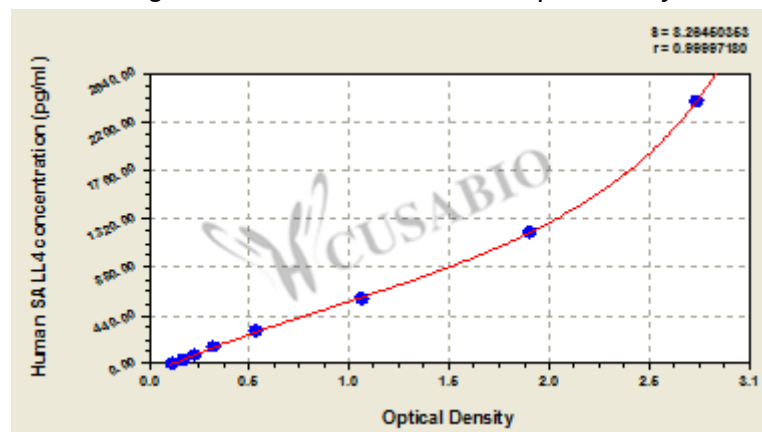
Recovery

The recovery of human SALL4 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)	101	101-107
EDTA plasma (n=4)	98	95-101

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
2400	2.782	2.799	2.791	2.658
1200	1.921	1.965	1.943	1.810
600	1.082	1.098	1.090	0.957
300	0.540	0.564	0.552	0.419
150	0.335	0.337	0.336	0.203
75	0.243	0.251	0.247	0.114
37.5	0.190	0.178	0.184	0.051
0	0.132	0.134	0.133	

Msds

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