



Human Rho GDP-dissociation inhibitor 2(ARHGDIB) ELISA kit

Product Code	CSB-EL002038HU
Abbreviation	ARHGDIB
Target Name	Rho GDP dissociation inhibitor (GDI) beta
Uniprot No.	P52566
Alias	D4, GDIA2, GDID4, LYGDI, Ly-GDI, RAP1GN1, RhoGDI2, Rho GDI 2 Rho GDP-dissociation inhibitor 2
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Sample Types	serum, plasma, tissue homogenates, cell lysates
Detection Range	25 pg/mL-1600 pg/mL
Sensitivity	6.25 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	Signal Transduction
Gene Names	ARHGDIB
Tag Info	quantitative
Protein Description	Sandwich
Description	This Human ARHGDIB ELISA Kit was designed for the quantitative measurement of Human ARHGDIB protein in serum, plasma, tissue homogenates, cell lysates. It is a Sandwich ELISA kit, its detection range is 25 pg/mL-1600 pg/mL and the sensitivity is 6.25 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 ARHGDI B 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 %	87
	Range %	85-93
1:2	Average %	104
	Range %	96-108
1:4	Average %	92
	Range %	85-96
1:8	Average %	101
	Range %	98-105

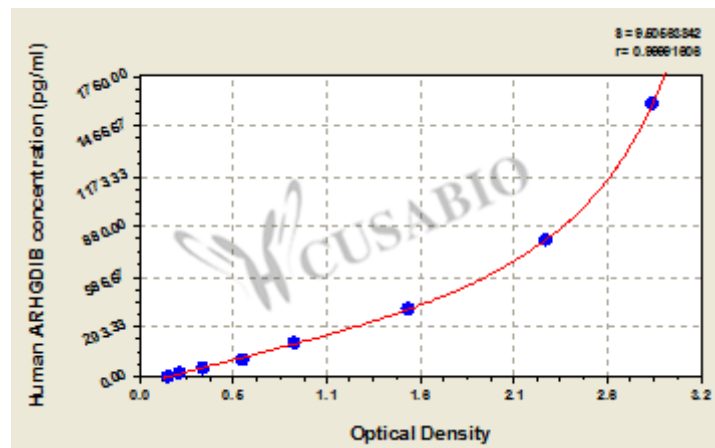
Recovery

The recovery of human ARHGDI B 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)	92	88-96
EDTA plasma (n=4)	103	98-107

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
1600	2.921	2.844	2.883	2.711
800	2.334	2.241	2.288	2.116
400	1.534	1.491	1.513	1.341
200	0.887	0.867	0.877	0.705
100	0.596	0.581	0.589	0.417
50	0.370	0.362	0.366	0.194
25	0.238	0.234	0.236	0.064
0	0.173	0.171	0.172	?

Msds

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