



Human Baculoviral IAP repeat-containing protein 3(BIRC3) ELISA kit

Product Code	CSB-EL002704HU
Abbreviation	BIRC3
Protein Biological Process 1	Apoptosis/Autophagy
Target Name	baculoviral IAP repeat-containing 3
Uniprot No.	Q13489
Alias	AIP1, API2, CIAP2, HAIP1, HIAP1, MALT2, MIHC, RNF49, c-IAP2, TNFR2-TRAF signaling complex protein apoptosis inhibitor 2 baculoviral IAP repeat-containing protein 3 inhibitor of apoptosis protein 1 m
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Protein Biological Process 3	Apoptosis
Sample Types	serum, plasma, tissue homogenates
Detection Range	37.5 pg/mL-2400 pg/mL
Sensitivity	9.4 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	Cell Biology
Gene Names	BIRC3
Tag Info	quantitative
Protein Description	Sandwich
Description	This Human BIRC3 ELISA Kit was designed for the quantitative measurement of Human BIRC3 protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 37.5 pg/mL-2400 pg/mL and the sensitivity is 9.4 pg/mL.
Target Details	This protein is a member of a family of proteins that inhibits apoptosis by binding to tumor necrosis factor receptor-associated factors TRAF1 and TRAF2, probably by interfering with activation of ICE-like proteases. The encoded



protein inhibits apoptosis induced by serum deprivation but does not affect apoptosis resulting from exposure to menadione, a potent inducer of free radicals. The amino acid sequence predicts three baculovirus IAP repeat domains and a ring finger domain. Transcript variants encoding the same isoform have been identified.

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 BIRC3 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 %	91
	Range %	86-94
1:2	Average %	92
	Range %	87-95
1:4	Average %	94
	Range %	87-98
1:8	Average %	103
	Range %	96-107

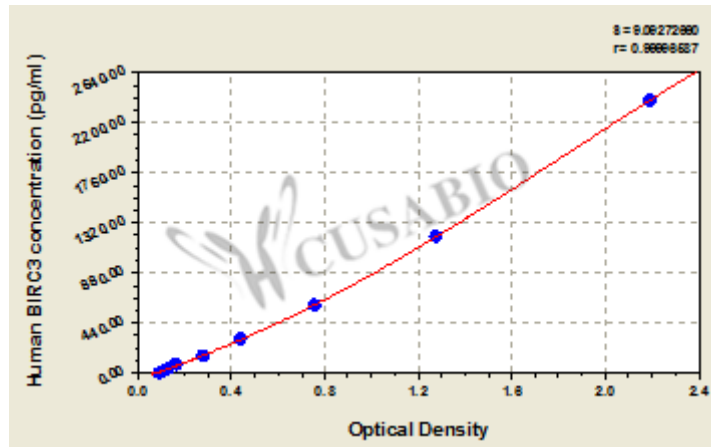
Recovery

The recovery of human BIRC3 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)	91	86-94
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
2400	2.154	2.274	2.214	2.112
1200	1.268	1.318	1.293	1.191
600	0.741	0.798	0.770	0.668
300	0.443	0.460	0.452	0.350
150	0.292	0.285	0.289	0.187
75	0.167	0.174	0.171	0.069
37.5	0.132	0.139	0.136	0.034
0	0.101	0.102	0.102	?

Msds

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