



Human Bromodomain testis-specific protein(BRDT) ELISA kit

Product Code	CSB-EL002807HU
Abbreviation	BRDT
Protein Biological Process 1	Transcription/Transcription regulation
Target Name	bromodomain, testis-specific
Uniprot No.	Q58F21
Alias	BRD6, CT9, OTTHUMP00000011809 OTTHUMP00000197577 cancer/testis antigen 9 testis-specific bromodomain protein
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Protein Biological Process 3	Transcription
Sample Types	serum, plasma, tissue homogenates, cell lysates
Detection Range	62.5 pg/mL-4000 pg/mL
Sensitivity	15.6 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	BRDT
Tag Info	quantitative
Protein Description	Sandwich
Description	This Human BRDT ELISA Kit was designed for the quantitative measurement of Human BRDT protein in serum, plasma, tissue homogenates, cell lysates. It is a Sandwich ELISA kit, its detection range is 62.5 pg/mL-4000 pg/mL and the sensitivity is 15.6 pg/mL.
Target Details	BRDT is similar to the RING3 protein family. It possesses 2 bromodomain motifs and a PEST sequence (a cluster of proline, glutamic acid, serine, and threonine residues), characteristic of proteins that undergo rapid intracellular degradation. The bromodomain is found in proteins that regulate transcription. Two transcript



variants encoding the same protein have been found for this gene.

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 BRDT 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)
	Average %	92
1:1	Range %	88-96
	Average %	87
1:2	Range %	82-91
	Average %	105
1:4	Range %	101-113
	Average %	97
1:8	Range %	92-101

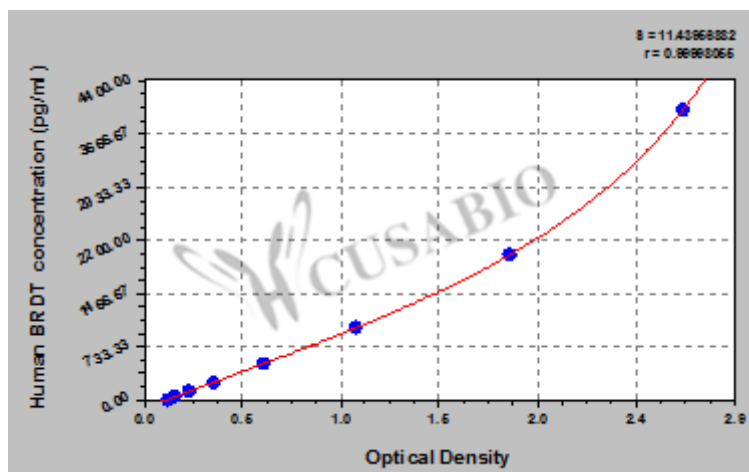
Recovery

The recovery of human BRDT 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)	95	90-100
EDTA plasma (n=4)	84	80-88

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
4000	2.751	2.593	2.672	2.541
2000	1.875	1.758	1.817	1.686
1000	1.040	1.070	1.055	0.924
500	0.592	0.611	0.602	0.471
250	0.364	0.349	0.357	0.226
125	0.239	0.227	0.233	0.102
62.5	0.158	0.165	0.162	0.031
0	0.127	0.134	0.131	?

Msds

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