

Human bromodomain, testis-specific ELISA Kit | BRDT elisa kit

Human Bromodomain testis-specific protein, BRDT ELISA Kit

CATALOG #
AAA112968

REACTIVITY
Human

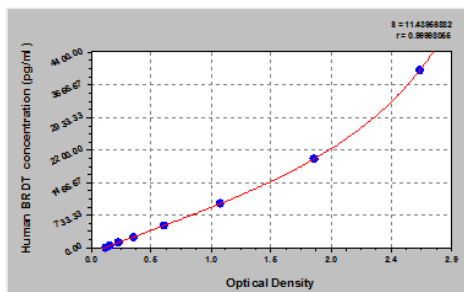
PRODUCT SYNONYMS

bromodomain; testis-specific; Human Bromodomain testis-specific protein; BRDT ELISA Kit; Human Bromodomain testis-specific protein (BRDT) ELISA kit; BRD6; CT9; OTTHUMP00000011809; OTTHUMP00000197577; cancer/testis antigen 9; testis-specific bromodomain protein; BRDT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human BRDT. No significant cross-reactivity or interference between human BRDT and analogues was observed.
Sequence Length	947
Samples	Serum, plasma, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	62.5 pg/ml-4000 pg/ml.
Sensitivity	The minimum detectable dose of human BRDT is typically less than 15.6 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay 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	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BRDT elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for BRDT has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any BRDT present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for BRDT is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of BRDT bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	338797755
NCBI GeneID	676
NCBI Accession #	NP_001229734.1
NCBI GenBank Nucleotide #	NM_001242805.1
UniProt Accession #	Q58F21; O14789; Q05DQ4; Q6P5T1; Q7Z4A6; Q8IWI6; A6NF68; B7Z811; B7Z890; B7ZAX7; D3DT32
Molecular Weight	107,954 Da
NCBI Official Full Name	bromodomain testis-specific protein isoform b
NCBI Official Synonym Full Names	bromodomain, testis-specific
NCBI Official Symbol	BRDT
NCBI Official Synonym Symbols	CT9; BRD6
NCBI Protein Information	bromodomain testis-specific protein; RING3-like protein; cancer/testis antigen 9
UniProt Protein Name	Bromodomain testis-specific protein
UniProt Gene Name	BRDT
UniProt Synonym Gene Names	CT9
UniProt Entry Name	BRDT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/brdt-human-elisa-kits/bromodomain-testis-specific/112968>