

Human Ubiquitin carboxyl terminal hydrolase BAP1 (BAP1) ELISA Kit | BAP1 elisa kit

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CATALOG #
AAA246714

REACTIVITY
Human

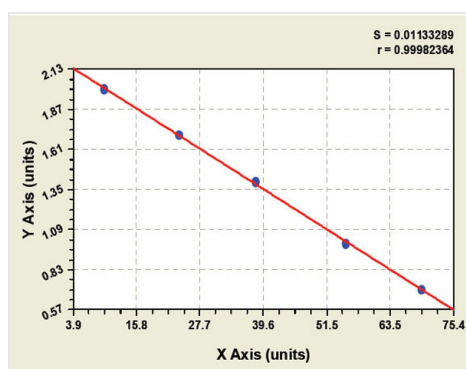
PRODUCT SYNONYMS

Ubiquitin carboxyl terminal hydrolase BAP1 (BAP1); Human Ubiquitin carboxyl terminal hydrolase BAP1 (BAP1) ELISA Kit; BAP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This BAP1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human BAP1. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BAP1 elisa kit

Principle of the assay: BAP1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-BAP1 antibody and an BAP1-HRP conjugate. The assay sample and buffer are incubated together with BAP1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the BAP1 concentration since BAP1 from samples and BAP1-HRP conjugate compete for the anti-BAP1 antibody binding site. Since the number of sites is limited, as more sites are occupied by BAP1 from the sample, fewer sites are left to bind BAP1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BAP1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for BAP1 elisa kit

Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757836
NCBI GeneID	8314
NCBI Accession #	NP_004647.1
NCBI GenBank Nucleotide #	NM_004656.3
Molecular Weight	80,362 Da
NCBI Official Full Name	ubiquitin carboxyl-terminal hydrolase BAP1
NCBI Official Synonym Full Names	BRCA1 associated protein-1 (ubiquitin carboxy-terminal hydrolase)
NCBI Official Symbol	BAP1
NCBI Official Synonym Symbols	UCHL2; hucep-6; HUCEP-13
NCBI Protein Information	ubiquitin carboxyl-terminal hydrolase BAP1; cerebral protein 6; cerebral protein-13
UniProt Protein Name	Ubiquitin carboxyl-terminal hydrolase BAP1
UniProt Gene Name	BAP1
UniProt Synonym Gene Names	KIAA0272; hucep-6
UniProt Entry Name	BAP1_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://www.aaabiotech.com/human-elisa-kits/ubiquitin-carboxyl-terminal-hydrolase-bap1-bap1/246714>