

Human Abnormal spindle like microcephaly associated protein (ASPM) ELISA Kit | ASPM elisa kit

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CATALOG #
AAA244528

REACTIVITY
Human

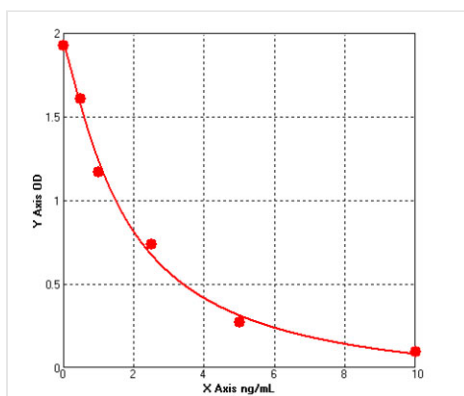
PRODUCT SYNONYMS

Abnormal spindle like microcephaly associated protein (ASPM); Human Abnormal spindle like microcephaly associated protein (ASPM) ELISA Kit; ASPM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ASPM. No significant cross-reactivity or interference between ASPM and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ASPM and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ASPM elisa kit	Principle of the Assay: ASPM ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-ASPM antibody and an ASPM-HRP conjugate. The assay sample and buffer are incubated together with ASPM-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 ASPM concentration since ASPM from samples and ASPM-HRP conjugate compete for the anti-ASPM antibody binding site. Since the number of sites is limited, as more sites are occupied by ASPM from the sample, fewer sites are left to bind ASPM-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ASPM concentration in each sample is interpolated from this standard curve. Intended Uses: This ASPM ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ASPM. This ELISA kit for research use only, not for therapeutic or test applications!
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NCBI AND UNIPROT INFORMATION

NCBI GI #	126116596
NCBI GeneID	259266
NCBI Accession #	NP_060606.3
NCBI GenBank Nucleotide #	NM_018136.4
Molecular Weight	217,794 Da
NCBI Official Full Name	abnormal spindle-like microcephaly-associated protein isoform 1
NCBI Official Synonym Full Names	asp (abnormal spindle) homolog, microcephaly associated (Drosophila)
NCBI Official Symbol	ASPM
NCBI Official Synonym Symbols	ASP; MCPH5; Calmbp1
NCBI Protein Information	abnormal spindle-like microcephaly-associated protein
UniProt Protein Name	Abnormal spindle-like microcephaly-associated protein
UniProt Gene Name	ASPM
UniProt Synonym Gene Names	MCPH5; Asp homolog
UniProt Entry Name	ASPM_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/abnormal-spindle-like-microcephaly-associated-protein-aspm/244528>