

Human C Terminal Aspartate beta Hydroxylase ELISA Kit | ASPH CT elisa kit

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CATALOG #
AAA95548

REACTIVITY
Human

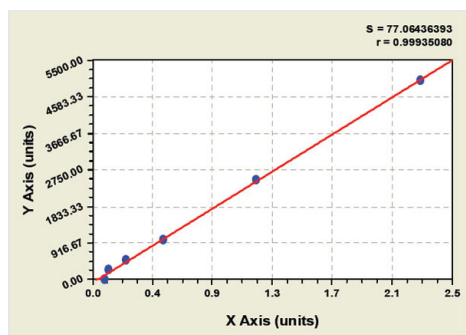
PRODUCT SYNONYMS

C Terminal Aspartate beta Hydroxylase; Human C Terminal Aspartate beta Hydroxylase ELISA Kit; Human C Terminal Aspartate b Hydroxylase ELISA Kit; ASPH CT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	250-5000 pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This ASPH-CT ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ASPH-CT. 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 ASPH CT elisa kit

Principle of the assay: ASPH-CT ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for ASPH-CT. Standards or samples are then added to the microtiter plate wells and ASPH-CT if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of ASPH-CT present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for ASPH-CT are added to each well to "sandwich" the ASPH-CT immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain ASPH-CT and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ASPH-CT concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	258613955
NCBI GeneID	444
NCBI Accession #	NP_001158227.1
NCBI GenBank Nucleotide #	NM_001164755.1
Molecular Weight	28,926 Da
NCBI Official Full Name	aspartyl/asparaginyl beta-hydroxylase isoform k
NCBI Official Synonym Full Names	aspartate beta-hydroxylase
NCBI Official Symbol	ASPH
NCBI Official Synonym Symbols	AAH; BAH; HAAH; JCTN; FDLAB; junctin; CASQ2BP1
NCBI Protein Information	aspartyl/asparaginyl beta-hydroxylase; humbug; junctate; A beta H-J-J; cardiac junctin; ASP beta-hydroxylase; peptide-aspartate beta-dioxygenase; aspartyl/asparaginyl-beta-hydroxylase
UniProt Protein Name	Aspartyl/asparaginyl beta-hydroxylase
UniProt Gene Name	ASPH
UniProt Synonym Gene Names	ASP beta-hydroxylase
UniProt Entry Name	ASPH_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/asph-ct-human-elisa-kits/c-terminal-aspartate-beta-hydroxylase/95548>