

Human aryl sulfatase A ELISA Kit | ASA elisa kit

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CATALOG #
AAA85862

REACTIVITY
Human

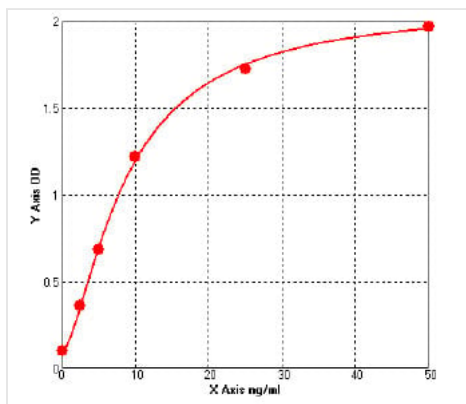
PRODUCT SYNONYMS

aryl sulfatase A; Human aryl sulfatase A ELISA Kit; ASA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ASA. No significant cross-reactivity or interference between ASA and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ASA and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive or Sandwich
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Intended Uses	This ASA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ASA. 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 ASA elisa kit	Principle of the Assay: ASA ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for ASA. Standards or samples are then added to the microtiter plate wells and ASA if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of ASA present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for ASA are added to each well to "sandwich" the ASA 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 ASA 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 ASA concentration in each sample is interpolated from this standard curve. Intended Uses: This ASA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ASA. This ELISA kit for research use only, not for therapeutic or test applications!
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NCBI AND UNIPROT INFORMATION

NCBI GI #	313569797
NCBI GeneID	410
NCBI Accession #	NP_001078896.2
NCBI GenBank Nucleotide #	NM_001085427.2
Molecular Weight	44,881 Da
NCBI Official Full Name	arylsulfatase A isoform a
NCBI Official Synonym Full Names	arylsulfatase A
NCBI Official Symbol	ARSA
NCBI Official Synonym Symbols	MLD
NCBI Protein Information	arylsulfatase A; ASA; cerebroside-sulfatase
UniProt Protein Name	Arylsulfatase A
UniProt Gene Name	ARSA
UniProt Synonym Gene Names	ASA
UniProt Entry Name	ARSA_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.