

Human Serum albumin, HSA ELISA Kit | HSA elisa kit

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CATALOG #
AAA87130

REACTIVITY
Human

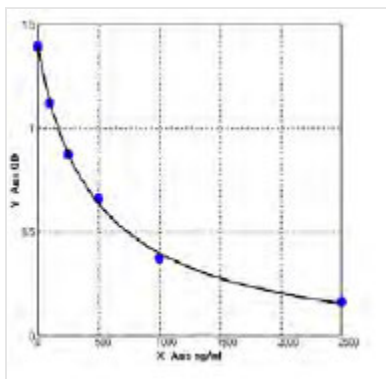
PRODUCT SYNONYMS

Serum albumin; HSA; Human Serum albumin; HSA ELISA Kit; HSA ELISA Kit (Human); HSA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of HSA. No significant cross-reactivity or interference between HSA and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between HSA and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HSA elisa kit	Intended Uses: This HSA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human HSA. This ELISA kit for research use only! Principle of the Assay: HSA ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-HSA antibody and an HSA-HRP conjugate. The assay sample and buffer are incubated together with HSA-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 HSA concentration since HSA from samples and HSA-HRP conjugate compete for the anti-HSA antibody binding site. Since the number of sites is limited, as more sites are occupied by HSA from the sample, fewer sites are left to bind HSA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HSA concentration in each sample is interpolated from this standard curve.
Product Categories/Family for HSA elisa kit	Human ELISA Kit

NCBI AND UNIPROT INFORMATION

NCBI GI #	45601836
NCBI Official Full Name	Hsa

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/serum-albumin-hsa/87130>