

Mouse Anti spermiogenesis Antibody ELISA Kit | ASAb elisa kit

Mouse Anti spermiogenesis Antibody ELISA Kit

CATALOG #
AAA83695

REACTIVITY
Mouse

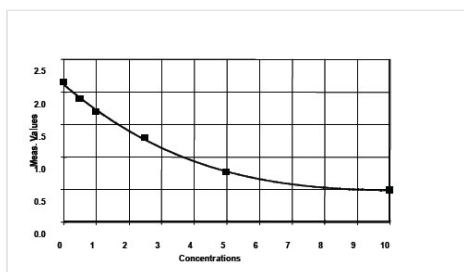
PRODUCT SYNONYMS

Anti spermiogenesis Antibody; Mouse Anti spermiogenesis Antibody ELISA Kit; ASAb elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ASAb elisa kit	For Samples: Cell culture fluid & body fluid & tissue homogenate serum or blood plasma Intended Uses: This ASAb ELISA kit is intended for laboratory research use only. The stop solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration of ASAb in the sample, this ASAb ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versus ASAb concentration. The concentration of in the samples is then determined by comparing the O.D. of the samples to the standard curve. Principle of the Assay: The coated well immunoenzymatic assay for the quantitative measurement of ASAb utilizes a polyclonal anti-ASAb antibody and an ASAb-HRP conjugate. The assay sample and buffer are incubated together with ASAb-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 ASAb concentration since ASAb from samples and ASAb-HRP conjugate compete for the anti-ASAb antibody binding site. Since the number of sites is limited, as more sites are occupied by ASAb from the sample, fewer sites are left to bind ASAb-HRP conjugate. Standards of known ASAb concentrations are run concurrently with the samples being assayed and a standard curve is plotted relating the intensity of the color (O.D.) to the concentration of ASAb. The ASAb concentration in each sample is interpolated from this standard curve.
Product Categories/Family for ASAb elisa kit	Immunology

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.