

Mouse Single stranded DNA antibody ELISA Kit | SsDNA elisa kit

Mouse Single stranded DNA antibody ELISA Kit

CATALOG #
AAA86343

REACTIVITY
Mouse

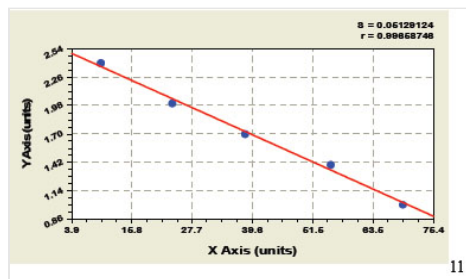
PRODUCT SYNONYMS

Single stranded DNA antibody; Mouse Single stranded DNA antibody ELISA Kit; SsDNA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	2.5-50U/mL
Sensitivity	1.0 U/mL
Intended Uses	This ss-DNAAb ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse ss-DNAAb. 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 SsDNA elisa kit

Principle of the Assay: ss-DNAAb ELISA kit applies the competitive enzyme immunoassay technique utilizing single stranded DNA antigen and an ss-DNAAb-HRP conjugate. The assay sample and buffer are incubated together with ss-DNAAb-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 ss-DNAAb concentration since ss-DNAAb from samples and ss-DNAAb-HRP conjugate compete for the single stranded DNA antigen binding site. Since the number of sites is limited, as more sites are occupied by ss-DNAAb from the sample, fewer sites are left to bind ss-DNAAb-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ss-DNAAb concentration in each sample is interpolated from this standard curve.

Product Categories/Family for SsDNA elisa kit

Cell Biology

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/ssdna-mouse-elisa-kits/single-stranded-dna-antibody/86343>