

Mouse Soluble Leptin Receptor ELISA Kit | SLR elisa kit

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CATALOG #
AAA16027

REACTIVITY
Mouse

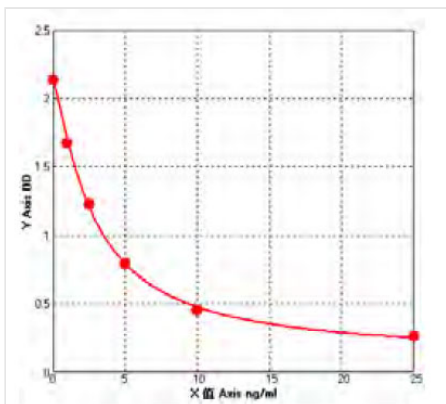
PRODUCT SYNONYMS

Soluble Leptin Receptor; Mouse Soluble Leptin Receptor ELISA Kit; SLR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of sLEPR. No significant cross-reactivity or interference between sLEPR and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between sLEPR 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	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SLR elisa kit	Intended Uses: This sLEPR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse sLEPR. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: sLEPR ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-sLEPR antibody and an sLEPR-HRP conjugate. The assay sample and buffer are incubated together with sLEPR-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 sLEPR concentration since sLEPR from samples and sLEPR-HRP conjugate compete for the anti-sLEPR antibody binding site. Since the number of sites is limited, as more sites are occupied by sLEPR from the sample, fewer sites are left to bind sLEPR-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The sLEPR concentration in each sample is interpolated from this standard curve.
Product Categories/Family for SLR elisa kit	Signal Transduction

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/slr-mouse-elisa-kits/soluble-leptin-receptor/16027>