

Human NLRP3 ELISA Kit | NLRP3 elisa kit

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CATALOG #
AAA247199

REACTIVITY
Human

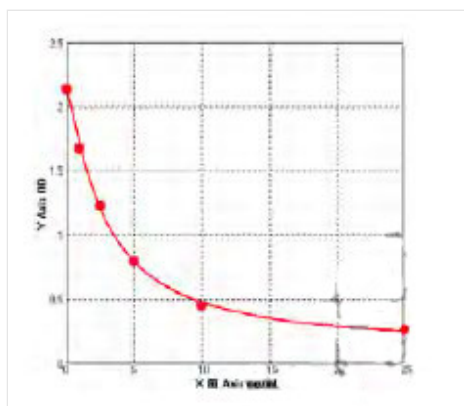
PRODUCT SYNONYMS

NLRP3; Human NLRP3 ELISA Kit; NLRP3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NLRP3 elisa kit

Intended Uses: This NLN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human NLN. This ELISA kit for research use only!

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

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://www.aaabiotech.com/human-elisa-kits/nlrp3/247199>