

Human Soluble Liver X Receptor ELISA Kit | LXR elisa kit

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CATALOG #
AAA86540

REACTIVITY
Human

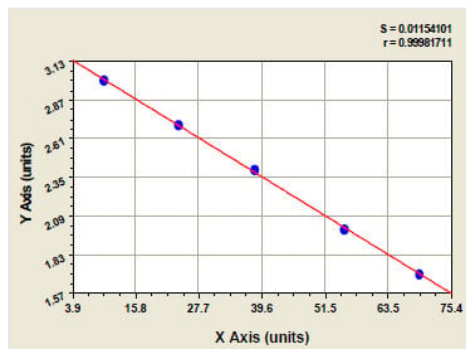
PRODUCT SYNONYMS

Soluble Liver X Receptor; Human Soluble Liver X Receptor ELISA Kit; LXR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This LXR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human LXR. 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 LXR elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	33338858
Molecular Weight	22,043 Da
NCBI Official Full Name	Lxr
UniProt Protein Name	Lxr
UniProt Gene Name	lxr
UniProt Entry Name	Q71T69_BPP1

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/lxr-human-elisa-kits/soluble-liver-x-receptor/86540>