

Rat Soluble Liver X Receptor ELISA Kit | LXR elisa kit

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CATALOG #
AAA82372

REACTIVITY
Rat

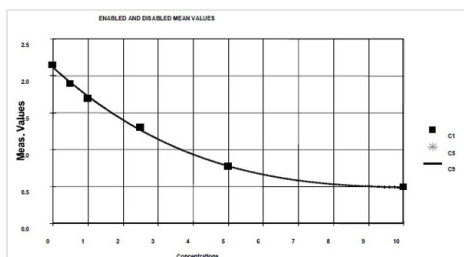
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Cell culture fluid & body fluid & tissue homogenate Serum or blood plasma
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LXR elisa kit

For Samples: Cell culture fluid & body fluid & tissue homogenate Serum or blood plasma

Intended Uses: This LXR 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 LXR in the sample, this LXR 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 LXR 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 LXR utilizes 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. Standards of known LXR concentrations are run concurrently with the samples being assayed and a standard curve is plotted relating the intensity of the color (Optical Density) to the concentration of LXR. The LXR concentration in each sample is interpolated from this standard curve.

Product Categories/Family for LXR elisa kit

[Signal Transduction](#)

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.

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Online datasheet: <https://stage.aaabiotech.com/lxr-rat-elisa-kits/soluble-liver-x-receptor/82372>