

Human Soluble Farnesoid X receptor ELISA Kit | FXR elisa kit

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CATALOG #
AAA84866

REACTIVITY
Human

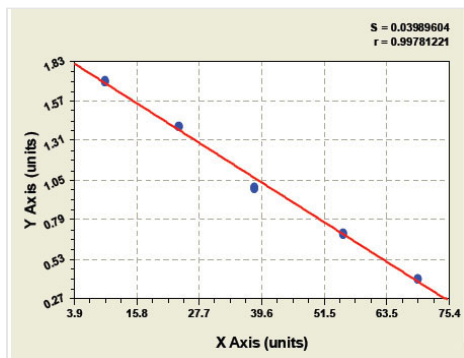
PRODUCT SYNONYMS

Soluble Farnesoid X receptor; Human Soluble Farnesoid X receptor ELISA Kit; FXR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This FXR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human FXR. 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 FXR elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	2351975
Molecular Weight	3,844 Da
NCBI Official Full Name	FXR, partial
UniProt Protein Name	FXR
UniProt Entry Name	O42540_DANRE

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/fxr-human-elisa-kits/soluble-farnesoid-x-receptor/84866>