

Human Irisin ELISA Kit | Irisin elisa kit

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CATALOG #
AAA27282

REACTIVITY
Human

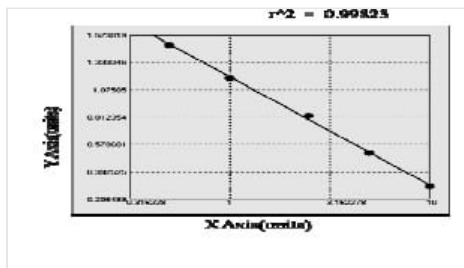
PRODUCT SYNONYMS

Irisin; Human Irisin ELISA Kit; Irisin elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ug/mL
Sensitivity	0.1ug/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Irisin elisa kit

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

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

