

Guinea Pig 15-deoxy-Prostaglandin J2 ELISA Kit | 15d-PGJ2 elisa kit

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CATALOG # AAA91350	REACTIVITY Guinea Pig
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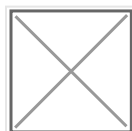
PRODUCT SYNONYMS

15-deoxy-Prostaglandin J2; Guinea pig 15-deoxy-Prostaglandin J2 ELISA Kit; 15d-PGJ2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	25-500 nmol/L
Sensitivity	1.0nmol/L
Intended Uses	This 15d-PGJ2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Guinea pig 15d-PGJ2. 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 15d-PGJ2 elisa kit	<p>Principle of the Assay: 15d-PGJ2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-15d-PGJ2 antibody and an 15d-PGJ2-HRP conjugate. The assay sample and buffer are incubated together with 15d-PGJ2-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 15d-PGJ2 concentration since 15d-PGJ2 from samples and 15d-PGJ2-HRP conjugate compete for the anti-15d-PGJ2 antibody binding site. Since the number of sites is limited, as more sites are occupied by 15d-PGJ2 from the sample, fewer sites are left to bind 15d-PGJ2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The 15d-PGJ2 concentration in each sample is interpolated from this standard curve.</p>
Product Categories/Family for 15d-PGJ2 elisa kit	Signal Transduction

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.