

Rat Hypoxia Inducible Factor 2 Alpha ELISA Kit

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CATALOG #
AAA247657

REACTIVITY
Rat

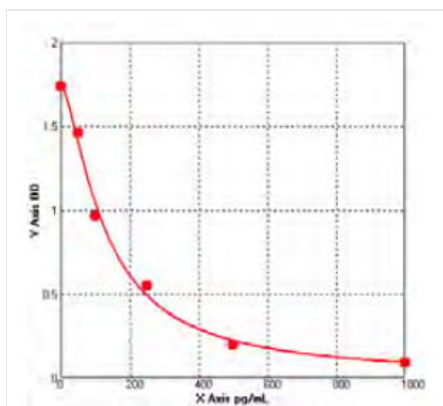
PRODUCT SYNONYMS

Hypoxia Inducible Factor 2 Alpha; Rat Hypoxia Inducible Factor 2 Alpha ELISA Kit; Hypoxia Inducible Factor 2 Alpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of HIF2a. No significant cross-reactivity or interference between HIF2a and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between HIF2a and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Hypoxia Inducible Factor 2 Alpha elisa kit	Intended Uses: This HIF2a ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat HIF2a. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: HIF2a ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-HIF2a antibody and an HIF2a-HRP conjugate. The assay sample and buffer are incubated together with HIF2a-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 HIF2a concentration since HIF2a from samples and HIF2a-HRP conjugate compete for the anti-HIF2a antibody binding site. Since the number of sites is limited, as more sites are occupied by HIF2a from the sample, fewer sites are left to bind HIF2a-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HIF2a concentration in each sample is interpolated from this standard curve.
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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/rat-elisa-kits/hypoxia-inducible-factor-2-alpha/247657>