

Human Interferon Alpha/Beta Receptor 2 (IFNa/bR2) ELISA Kit | IFNa/bR2 elisa kit

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CATALOG #
AAA68413

REACTIVITY
Human

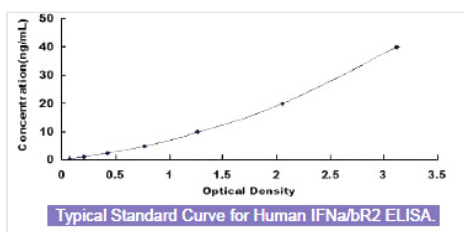
PRODUCT SYNONYMS

Interferon Alpha/Beta Receptor 2 (IFNa/bR2); Human Interferon Alpha/Beta Receptor 2 (IFNa/bR2) ELISA Kit; IFNAR2; IFNa/bR2; IFN-alpha-REC; IFN-R; IFNABR; IFNARB; Interferon(Alpha; Beta And Omega)Receptor Beta Chain; Interferon alpha binding protein; Type I interferon receptor 2; IFNa/bR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of IFNa/bR2. No significant cross-reactivity or interference between IFNa/bR2 and analogues was observed.
Samples	Serum, plasma, urine and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.625-40ng/mL
Sensitivity	<0.235ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level IFNa/bR2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level IFNa/bR2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFNa/bR2 elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of IFNa/bR2 in human serum, plasma, urine and other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to IFNa/bR2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to IFNa/bR2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain IFNa/bR2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of IFNa/bR2 in the samples is then determined by comparing the O.D. of the samples to the 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/interferon-alpha-beta-receptor-2-ifna-br2/68413>