

Human progesterone immunomodulatory binding factor 1 ELISA Kit | PIBF1 elisa kit

Human progesterone induced blocking factor, PIBF ELISA Kit

CATALOG #
AAA15007

REACTIVITY
Human

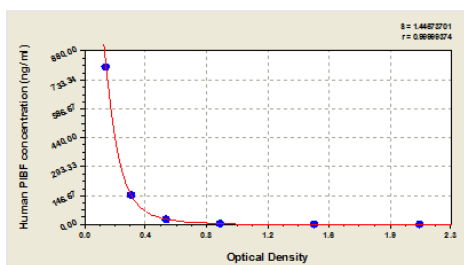
PRODUCT SYNONYMS

progesterone immunomodulatory binding factor 1; Human progesterone induced blocking factor; PIBF ELISA Kit; Human progesterone induced blocking factor (PIBF) Elisa kit; C13orf24; KIAA1008; PIBF; RP11-505F3.1; progesterone-induced blocking factor 1; PIBF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human PIBF. No significant cross-reactivity or interference between human PIBF and analogues was observed.
Sequence Length	757
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	0.78 ng/ml-50 ng/ml
Sensitivity	< 0.195 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PIBF1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PIBF has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PIBF present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PIBF is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PIBF bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	55769583
NCBI GeneID	10464
NCBI Accession #	NP_006337.2
NCBI GenBank Nucleotide #	NM_006346.2
UniProt Accession #	Q8WXW3; O95664; Q6U9V2; Q6UG50; Q86V07; Q96SF4
Molecular Weight	89,805 Da
NCBI Official Full Name	progesterone-induced-blocking factor 1
NCBI Official Synonym Full Names	progesterone immunomodulatory binding factor 1
NCBI Official Symbol	PIBF1
NCBI Official Synonym Symbols	PIBF; CEP90; C13orf24
NCBI Protein Information	progesterone-induced-blocking factor 1; progesterone-induced blocking factor 1
UniProt Protein Name	Progesterone-induced-blocking factor 1
UniProt Gene Name	PIBF1
UniProt Synonym Gene Names	C13orf24; PIBF
UniProt Entry Name	PIBF1_HUMAN

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.