

Human Progesterone-induced-blocking factor 1 ELISA Kit | PIBF1 elisa kit

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CATALOG #
AAA102053

REACTIVITY
Human

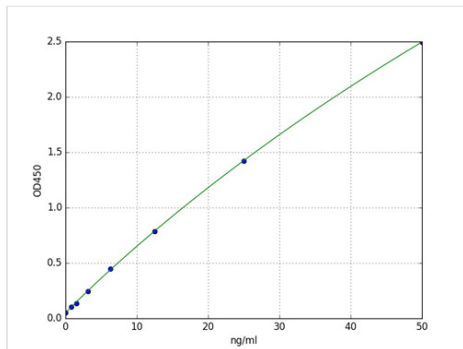
PRODUCT SYNONYMS

Progesterone-induced-blocking factor 1; Human Progesterone-induced-blocking factor 1 ELISA Kit; PIBF1 (Progesterone-induced-blocking factor 1)/C13orf24/chromosome 13 open reading frame 24/KIAA1008/PIBF/progesterone immunomodulatory binding factor 1/progesterone-induced blocking factor 1/RP11-505F3.1; PIBF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	757
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.781-50ng/ml
Sensitivity	0.469ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a PIBF1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.781	1.563	3.125	6.25	12.5	25	50
Y	OD450	0.048	0.227	0.371	0.612	1.054	1.389	1.812	2.237

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PIBF1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-PIBF1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-PIBF1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the PIBF1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of PIBF1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	55769583
NCBI GeneID	10464
NCBI Accession #	NP_006337.2
NCBI GenBank Nucleotide #	NM_006346.2
Molecular Weight	35,071 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
UniProt Protein Name	Progesterone-induced-blocking factor 1
UniProt Gene Name	PIBF1
UniProt Synonym Gene Names	C13orf24; PIBF; PIBF; CEP90
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.

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Online datasheet: <https://stage.aaabiotech.com/pibf1-human-elisa-kits/progesterone-induced-blocking-factor-1/102053>