

Human Progesterone Induced Blocking Factor (PIBF) ELISA Kit | PIBF elisa kit

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CATALOG #
AAA331392

REACTIVITY
Human

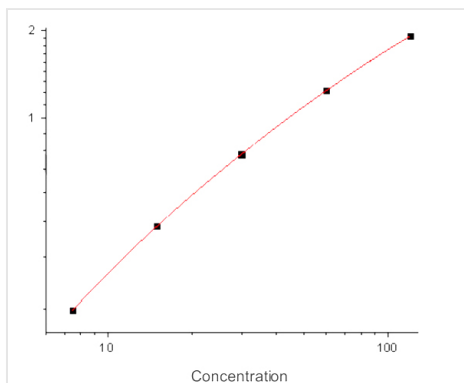
PRODUCT SYNONYMS

Progesterone Induced Blocking Factor (PIBF); Human Progesterone Induced Blocking Factor (PIBF) ELISA Kit; PIBF1; C13orf24; KIAA1008; PIBF; RP11-505F3.1; progesterone-induced blocking factor 1; PIBF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Progesterone induced blocking factor (PIBF) ELISA Kit has high sensitivity and excellent specificity for detection of Human PIBF1. No significant cross-reactivity or interference between Human PIBF1 and analogues was observed.
Sequence Length	757
Assay Type	Sandwich
Samples	Human serum, cell culture supernates and other biological fluids
Detection Range	7.5 pg/mL - 120 pg/mL
Sensitivity	< 0.5 pg/mL
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PIBF elisa kit	Background: PIBF encodes a predicted hydrophilic 757-amino acid alpha-helical protein with an N-terminal signal sequence, a nuclear localization signal, a leucine zipper motif, a basic zipper sequence, a PEST sequence, an endoplasmic reticulum membrane retention signal, and several potential N-glycosylation and phosphorylation sites. Principle of the Assay: Human Progesterone induced blocking factor (PIBF) ELISA Kit employs a two-site sandwich ELISA to quantitate PIBF in samples. An 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, HRP-Conjugated Human PIBF detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen 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 #	NP_006337.2
UniProt Accession #	Q8WXW3
NCBI Official Full Name	progesterone-induced-blocking factor 1 isoform 2
NCBI Official Synonym Full Names	progesterone immunomodulatory binding factor 1
NCBI Official Symbol	PIBF1
NCBI Official Synonym Symbols	PIBF; CEP90; JBTS33; 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
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/human-elisa-kits/progesterone-induced-blocking-factor-pibf/331392>