

Human polymerase I and transcript release factor ELISA Kit | PTRF elisa kit

Human Polymerase I and transcript release factor, PTRF ELISA Kit

CATALOG #
AAA112835

REACTIVITY
Human

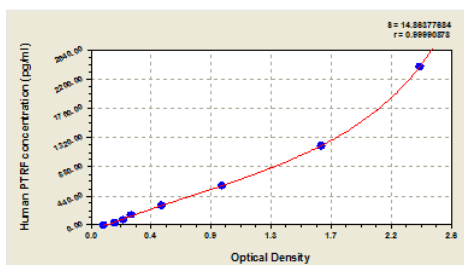
PRODUCT SYNONYMS

polymerase I and transcript release factor; Human Polymerase I and transcript release factor; PTRF ELISA Kit; Human Polymerase I and transcript release factor (PTRF) ELISA kit; FKSG13; FLJ90031; cavin-1; RNA polymerase I and transcript release factor; TTF-I interacting peptide 12; PTRF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human PTRF. No significant cross-reactivity or interference between human PTRF and analogues was observed.
Sequence Length	390
Samples	Serum, plasma, tissue homogenates and cell lysates.
Assay Type	Quantitative Sandwich
Sensitivity	Typically less than 9.4 pg/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 PTRF elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PTRF has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PTRF present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PTRF 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 PTRF bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	42734430
NCBI GeneID	284119
NCBI Accession #	NP_036364.2
NCBI GenBank Nucleotide #	NM_012232.5
UniProt Accession #	Q6NZI2; O00535; Q6GMY1; Q96H74; Q9BT85; Q9HAP4; B2RAW7
Molecular Weight	43,476 Da
NCBI Official Full Name	polymerase I and transcript release factor
NCBI Official Synonym Full Names	polymerase I and transcript release factor
NCBI Official Symbol	PTRF
NCBI Official Synonym Symbols	CGL4; CAVIN; CAVIN1; FKSG13; cavin-1
NCBI Protein Information	polymerase I and transcript release factor; TTF-I interacting peptide 12; RNA polymerase I and transcript release factor
UniProt Protein Name	Polymerase I and transcript release factor
UniProt Gene Name	PTRF
UniProt Synonym Gene Names	FKSG13
UniProt Entry Name	PTRF_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ptrf-human-elisa-kits/polymerase-i-and-transcript-release-factor/112835>