

Human Fibroblast Growth Factor Binding Protein 3 (FGFBP3) CLIA Kit | FGFBP3 clia kit

Human Fibroblast Growth Factor Binding Protein 3 (FGFBP3) CLIA Kit

CATALOG # AAA189151	REACTIVITY Human	APPLICATIONS CLIA (Chemiluminescence Immunoassay)
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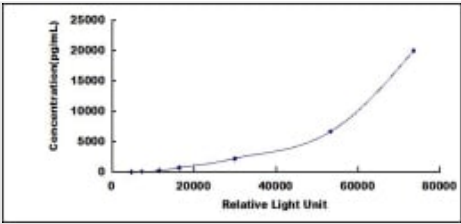
PRODUCT SYNONYMS

Fibroblast Growth Factor Binding Protein 3 (FGFBP3); Human Fibroblast Growth Factor Binding Protein 3 (FGFBP3) CLIA Kit; Fibroblast Growth Factor Binding Protein 3; C10orf13; FGFBP3 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Fibroblast Growth Factor Binding Protein 3 (FGFBP3). No significant cross-reactivity or interference between Fibroblast Growth Factor Binding Protein 3 (FGFBP3) and analogues was observed.
Sequence Length	258
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, cell lysates and other biological fluids
Detection Range	27.4-20,000pg/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 11.3pg/mL
Applicable Applications for FGFBP3 clia kit	CLIA (Chemiluminescence Immunoassay)
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Fibroblast Growth Factor Binding Protein 3 (FGFBP3) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Fibroblast Growth Factor Binding Protein 3 (FGFBP3) were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-Assay: CV<10% Inter-Assay: CV<12%
Test Principle	The microplate provided in this kit has been pre-coated with an antibody specific to Fibroblast Growth Factor Binding Protein 3 (FGFBP3). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Fibroblast Growth Factor Binding Protein 3 (FGFBP3). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Fibroblast Growth Factor Binding Protein 3 (FGFBP3) level in the sample or standard.
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

NCBI AND UNIPROT INFORMATION

NCBI GI #	190341093
NCBI GeneID	143282
NCBI Accession #	NP_689642.3
NCBI GenBank Nucleotide #	NP_689642.3
UniProt Accession #	Q8TAT2
NCBI Official Full Name	fibroblast growth factor-binding protein 3
NCBI Official Synonym Full Names	fibroblast growth factor binding protein 3
NCBI Official Symbol	FGFBP3
NCBI Official Synonym Symbols	FGF-BP3; C10orf13
NCBI Protein Information	fibroblast growth factor-binding protein 3
UniProt Protein Name	Fibroblast growth factor-binding protein 3
UniProt Gene Name	FGFBP3
UniProt Synonym Gene Names	C10orf13; PSEC0101; FGF-BP3; FGF-binding protein 3; FGFBP-3
UniProt Entry Name	FGFP3_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-clia-kits/fibroblast-growth-factor-binding-protein-3-fgfbp3/189151>