

Early B-Cell Factor 3 (EBF3) CLIA Kit | EBF3 clia kit

CLIA Kit for Early B-Cell Factor 3 (EBF3)

CATALOG #
AAA130032

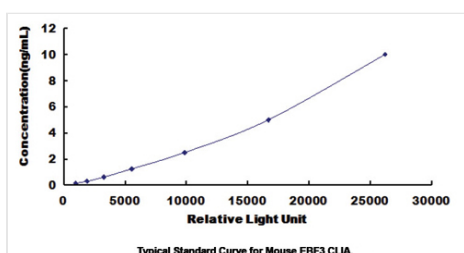
PRODUCT SYNONYMS

Early B-Cell Factor 3 (EBF3); CLIA Kit for Early B-Cell Factor 3 (EBF3); EBF3 clia kit

PRODUCT SPECIFICATIONS

Specificity	This assay has high sensitivity and excellent specificity for detection of Early B-Cell Factor 3 (EBF3) No significant cross-reactivity or interference between Early B-Cell Factor 3 (EBF3) and analogues was observed.
Sequence Length	551
Assay Type	Sandwich
Samples	Tissue homogenates and other biological fluids
Detection Range	0.014-10ng/mL The standard curve concentrations used for the ELISA's were 10ng/mL, 3.33ng/mL, 1.11ng/mL, 0.37ng/mL, 0.123ng/mL, 0.041ng/mL, 0.014ng/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 0.056ng/mL
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Early B-Cell Factor 3 (EBF3) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Early B-Cell Factor 3 (EBF3) were tested on 3 different plates, 8 replicates in each plate. $CV(\%) = SD/mean \times 100$ Intra-Assay: $CV < 10\%$ Inter-Assay: $CV < 12\%$
Organism Species	Mus musculus (Mouse)
Assay Length	4.5 hours
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)

ADDITIONAL INFORMATION

Related Product Information for EBF3 clia kit	The microtiter plate provided in this kit has been pre-coated with an antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated secondary antibody. 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 Early B-Cell Factor 3 (EBF3) level in the sample or standard.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	120659896
NCBI GeneID	253738
UniProt Accession #	Q9H4W6; Q5T6H9; Q9H4W5; A0AUY1
Molecular Weight	64,864 Da
NCBI Official Full Name	Early B-cell factor 3
NCBI Official Synonym Full Names	early B-cell factor 3
NCBI Official Symbol	EBF3
NCBI Official Synonym Symbols	COE3; OE-2; EBF-3; O/E-2
NCBI Protein Information	transcription factor COE3; olf-1/EBF-like 2
UniProt Protein Name	Transcription factor COE3
UniProt Gene Name	EBF3
UniProt Synonym Gene Names	COE3; EBF-3; O/E-2; OE-2
UniProt Entry Name	COE3_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.