

Human Proliferation-Associated Protein 2G4 (PA2G4) ELISA Kit | PA2G4 elisa kit

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CATALOG #
AAA331489

REACTIVITY
Human

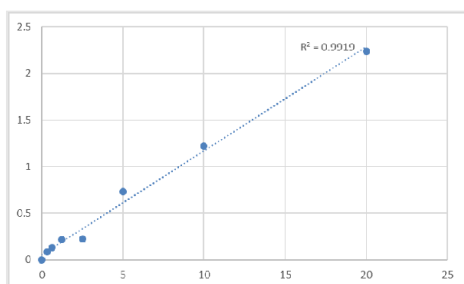
PRODUCT SYNONYMS

Proliferation-Associated Protein 2G4 (PA2G4); Human Proliferation-Associated Protein 2G4 (PA2G4) ELISA Kit; PA2G4; EBP1; HG4-1; p38-2G4; ErbB-3 binding protein 1; ErbB3-binding protein 1; ErbB3-binding protein Ebp1; cell cycle protein p38-2G4 homolog; PA2G4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Proliferation-associated protein 2G4 (PA2G4) ELISA Kit has high sensitivity and excellent specificity for detection of Human PA2G4. No significant cross-reactivity or interference between Human PA2G4 and analogues was observed.
Sequence Length	394
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Proliferation-associated protein 2G4 (PA2G4) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for PA2G4 elisa kit	Description: This Human Proliferation-associated protein 2G4 (PA2G4) ELISA Kit employs a two-site sandwich ELISA to quantitate PA2G4 in samples. An antibody specific for PA2G4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PA2G4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PA2G4 is added to the wells. After washing, Streptavidin 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 PA2G4 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: PA2G4 encodes an RNA-binding protein that is involved in growth regulation. This protein is present in pre-ribosomal ribonucleoprotein complexes and may be involved in ribosome assembly and the regulation of intermediate and late steps of rRNA processing. This protein can interact with the cytoplasmic domain of the ErbB3 receptor and may contribute to transducing growth regulatory signals. This protein is also a transcriptional co-repressor of androgen receptor-regulated genes and other cell cycle regulatory genes through its interactions with histone deacetylases. This protein has been implicated in growth inhibition and the induction of differentiation of human cancer cells.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	124494254
NCBI GeneID	5036
NCBI Accession #	NP_006182.2
NCBI GenBank Nucleotide #	NP_006182.2
UniProt Accession #	Q9UQ80
NCBI Official Full Name	proliferation-associated protein 2G4
NCBI Official Synonym Full Names	proliferation-associated 2G4
NCBI Official Symbol	PA2G4
NCBI Official Synonym Symbols	EBP1; HG4-1; p38-2G4
NCBI Protein Information	proliferation-associated protein 2G4
UniProt Protein Name	Proliferation-associated protein 2G4
UniProt Gene Name	PA2G4
UniProt Synonym Gene Names	EBP1; hG4-1
UniProt Entry Name	PA2G4_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://www.aaabiotech.com/human-elisa-kits/proliferation-associated-protein-2g4-pa2g4/331489>