

Human Polyhomeotic-like protein 2 ELISA Kit | PHC2 elisa kit

Human Polyhomeotic-like protein 2 (PHC2) ELISA Kit

CATALOG #
AAA55685

REACTIVITY
Human

PRODUCT SYNONYMS

Polyhomeotic-like protein 2; Human Polyhomeotic-like protein 2 (PHC2) ELISA Kit; PHC2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human PHC2. No significant cross-reactivity or interference between Human PHC2 and analogues was observed.
Sequence Length	323
Samples	Serum, Plasma, Other biological fluids
Assay Type	Sandwich
Sample Volume	1-200 uL
Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100 Intra-Assay: CV Inter-Assay: CV
Detection Wavelength	450 nm
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for PHC2 elisa kit

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate PHC2 in samples. An antibody specific for PHC2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PHC2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PHC2 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 PHC2 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	37595530
NCBI GeneID	1912
NCBI Accession #	NP_004418.2
NCBI GenBank Nucleotide #	NM_004427.3
UniProt Accession #	Q8IXK0; Q2TAL3; Q5T0C1; Q6NUJ6; Q6ZQR1; Q8N306; Q8TAG8; Q96BL4; Q9Y4Y7; A1L4Q1; A8KA40; D3DPR2

Molecular Weight	90,812 Da
NCBI Official Full Name	polyhomeotic-like protein 2 isoform b
NCBI Official Synonym Full Names	polyhomeotic homolog 2
NCBI Official Symbol	PHC2
NCBI Official Synonym Symbols	PH2; EDR2; HPH2
NCBI Protein Information	polyhomeotic-like protein 2
UniProt Protein Name	Polyhomeotic-like protein 2
UniProt Gene Name	PHC2
UniProt Synonym Gene Names	EDR2; PH2; hPH2

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://www.aaabiotech.com/phc2-human-elisa-kits/polyhomeotic-like-protein-2/55685>