

Human PHD Finger Protein 7 (PHF7) ELISA Kit | PHF7 elisa kit

Human PHD Finger Protein 7 (PHF7) ELISA Kit

CATALOG #
AAA331397

REACTIVITY
Human

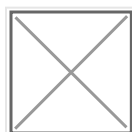
PRODUCT SYNONYMS

PHD Finger Protein 7 (PHF7); Human PHD Finger Protein 7 (PHF7) ELISA Kit; PHF7; DKFZp434L1850; HSPC045; HSPC226; MGC26088; NYD-SP6; PHF7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human PHD finger protein 7 (PHF7) ELISA Kit has high sensitivity and excellent specificity for detection of Human PHF7. No significant cross-reactivity or interference between Human PHF7 and analogues was observed.
Sequence Length	381
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 PHD finger protein 7 (PHF7) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for PHF7 elisa kit	Description: This Human PHD finger protein 7 (PHF7) ELISA Kit employs a two-site sandwich ELISA to quantitate PHF7 in samples. An antibody specific for PHF7 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PHF7 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PHF7 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 PHF7 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Spermatogenesis is a complex process regulated by extracellular and intracellular factors as well as cellular interactions among interstitial cells of the testis, Sertoli cells, and germ cells. In the testis, PHF7 is expressed in Sertoli cells but not germ cells. However, this gene is not expressed in a patient who exhibited spermatogenic arrest at the spermatocyte stage. Spermatogenic arrest is an interruption of germ cell differentiation that may result in oligospermia or azoospermia. The proteins encoded by this gene contain plant homeodomain (PHD) finger domains, also known as leukemia associated protein (LAP) domains, believed to be involved in transcriptional regulation. Thus this protein, which localizes to the nucleus of transfected cells, has been implicated in the transcriptional regulation of spermatogenesis.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361543
NCBI GeneID	51533
NCBI Accession #	NP_057567.3
NCBI GenBank Nucleotide #	NP_057567.3
UniProt Accession #	Q9BWX1
NCBI Official Full Name	PHD finger protein 7 isoform 1
NCBI Official Synonym Full Names	PHD finger protein 7
NCBI Official Symbol	PHF7
NCBI Official Synonym Symbols	HSPC045; HSPC226; NYD-SP6
NCBI Protein Information	PHD finger protein 7
UniProt Protein Name	PHD finger protein 7
UniProt Gene Name	PHF7
UniProt Entry Name	PHF7_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/human-elisa-kits/phd-finger-protein-7-phf7/331397>