

## Human WD Repeat-Containing Protein 52 (WDR52) ELISA Kit | WDR52 elisa kit

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CATALOG #  
**AAA330264**

REACTIVITY  
**Human**

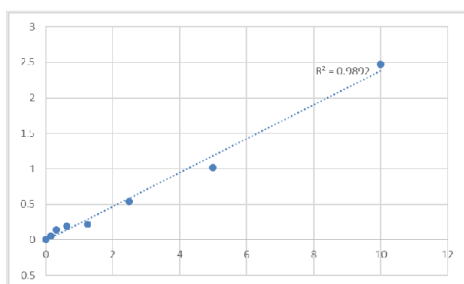
### PRODUCT SYNONYMS

WD Repeat-Containing Protein 52 (WDR52); Human WD Repeat-Containing Protein 52 (WDR52) ELISA Kit; WDR52; DKFZp781C082; FLJ111142; MGC126631; MGC142113; WDR52 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Specificity             | Human WD repeat-containing protein 52 (WDR52) ELISA Kit has high sensitivity and excellent specificity for detection of Human WDR52. No significant cross-reactivity or interference between Human WDR52 and analogues was observed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Sequence Length         | 1854                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Assay Type              | Sandwich ELISA (Quantitative)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Samples                 | Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Detection Method        | Colorimetric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Usage Notes             | <ul style="list-style-type: none"> <li>* Do not mix components from different kit lots or use reagents beyond the kit expiration date.</li> <li>* Allow all reagents to warm to room temperature for at least 30 minutes before opening.</li> <li>* Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination.</li> <li>* Unused wells must be kept desiccated at 4 degree C in the sealed bag provided.</li> <li>* Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes.</li> <li>* It is recommended that all samples and standards be assayed in duplicate or triplicate.</li> </ul> |
| Preparation and Storage | Store at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

### IMAGES



**Standard Curve (Sample)**

Fig.1. Human WD repeat-containing protein 52 (WDR52) Standard Curve.

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for WDR52 elisa kit | <p>Description: This Human WD repeat-containing protein 52 (WDR52) ELISA Kit employs a two-site sandwich ELISA to quantitate WDR52 in samples. An antibody specific for WDR52 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any WDR52 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for WDR52 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 WDR52 bound in the initial step. The color development is stopped and the intensity of the color is measured.</p> <p>Background: WDR53 Contains5 WD repeats. WD-repeat proteins belong to a large and fast-expanding conservative protein family. As demonstrated by the crystal structure of the G protein beta subunit, all WD-repeat proteins are speculated to form a circularized beta propeller structure. The importance of these proteins is not only demonstrated by their critical roles in many essential biological functions ranging from signal transduction, transcription regulation, to apoptosis, but is also recognized by their association with several human diseases. Defining the function of a WD-repeat protein is the current challenge. It is, however, paramount to uncover the function of individual WD-repeat proteins, explore the protein interaction mechanism through WD-repeat domains and, ultimately, understand the complex biological processes and organisms themselves.</p> |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                     |
|----------------------------------|-----------------------------------------------------|
| NCBI GI #                        | 256818774                                           |
| NCBI GeneID                      | 55779                                               |
| NCBI Accession #                 | NP_001157968.1                                      |
| NCBI GenBank Nucleotide #        | NP_001157968.1                                      |
| UniProt Accession #              | Q96MT7                                              |
| NCBI Official Full Name          | cilia- and flagella-associated protein 44 isoform 1 |
| NCBI Official Synonym Full Names | cilia and flagella associated protein 44            |
| NCBI Official Symbol             | CFAP44                                              |
| NCBI Official Synonym Symbols    | WDR52; SPGF20                                       |
| NCBI Protein Information         | cilia- and flagella-associated protein 44           |
| UniProt Protein Name             | WD repeat-containing protein 52                     |
| UniProt Gene Name                | WDR52                                               |
| UniProt Entry Name               | WDR52_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.