

# Monkey Deubiquitinating enzyme ELISA Kit | DUB elisa kit

Monkey Deubiquitinating enzyme ELISA Kit

CATALOG #  
**AAA94424**

REACTIVITY  
**Monkey**

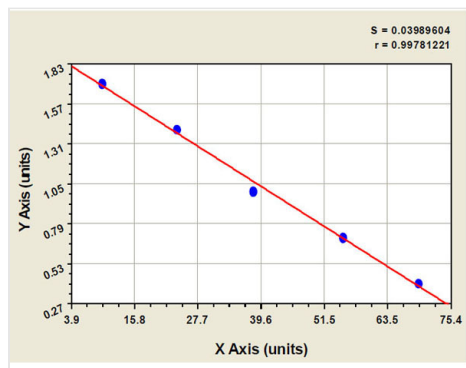
## PRODUCT SYNONYMS

Deubiquitinating enzyme; Monkey Deubiquitinating enzyme ELISA Kit; DUB elisa kit

## PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Monkey                                                                                                                                                                                |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                            |
| Assay Type              | Competitive                                                                                                                                                                           |
| Detection Range         | 2.5-50ng/mL                                                                                                                                                                           |
| Sensitivity             | 0.1ng/mL                                                                                                                                                                              |
| Intended Uses           | This DUB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey DUB. This ELISA kit for research use only, not for therapeutic applications! |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                   |

## IMAGES



Standard Curve (Sample)

## ADDITIONAL INFORMATION

### Related Product Information for DUB elisa kit

**Principle of the assay:** DUB ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-DUB antibody and an DUB-HRP conjugate. The assay sample and buffer are incubated together with DUB-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the DUB concentration since DUB from samples and DUB-HRP conjugate compete for the anti-DUB antibody binding site. Since the number of sites is limited, as more sites are occupied by DUB from the sample, fewer sites are left to bind DUB-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The DUB concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 5814097                                                                                                                                                                |
| NCBI GeneID                      | 9958                                                                                                                                                                   |
| Molecular Weight                 | 27,094 Da                                                                                                                                                              |
| NCBI Official Full Name          | deubiquitinating enzyme                                                                                                                                                |
| NCBI Official Synonym Full Names | ubiquitin specific peptidase 15                                                                                                                                        |
| NCBI Official Symbol             | USP15                                                                                                                                                                  |
| NCBI Official Synonym Symbols    | UNPH4; UNPH-2                                                                                                                                                          |
| NCBI Protein Information         | ubiquitin carboxyl-terminal hydrolase 15; ubiquitin thioesterase 15; deubiquitinating enzyme 15; ubiquitin thiolesterase 15; ubiquitin-specific-processing protease 15 |
| UniProt Protein Name             | Ubiquitin carboxyl-terminal hydrolase 15                                                                                                                               |
| UniProt Gene Name                | USP15                                                                                                                                                                  |
| UniProt Synonym Gene Names       | KIAA0529                                                                                                                                                               |
| UniProt Entry Name               | UBP15_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](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/dub-monkey-elisa-kits/deubiquitinating-enzyme/94424>