

## Monkey Ubiquitin ELISA Kit | UB elisa kit

Monkey Ubiquitin ELISA Kit

CATALOG #  
**AAA90908**

REACTIVITY  
**Monkey**

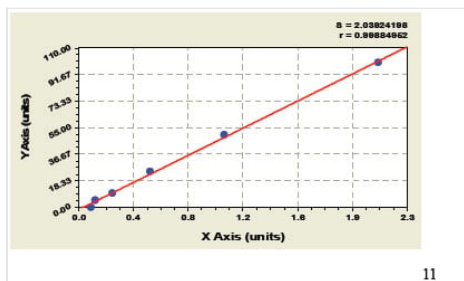
### PRODUCT SYNONYMS

Ubiquitin; Monkey Ubiquitin ELISA Kit; UB elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Monkey                                                                                                                                                                              |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                          |
| Assay Type              | Sandwich                                                                                                                                                                            |
| Detection Range         | 250-5000pg/mL                                                                                                                                                                       |
| Sensitivity             | 1.0pg/mL                                                                                                                                                                            |
| Intended Uses           | This UB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey UB. This ELISA kit for research use only, not for therapeutic applications! |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                 |

### IMAGES



### ADDITIONAL INFORMATION

#### Related Product Information for UB elisa kit

**Principle of the Assay:** UB ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for UB. Standards or samples are then added to the microtiter plate wells and UB if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of UB present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for UB are added to each well to "sandwich" the UB immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain UB and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The UB concentration in each sample is interpolated from this standard curve.

#### Product Categories/Family for UB elisa kit

Neurobiology

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 37571                                                                                                                                                                             |
| NCBI GeneID                      | 6233                                                                                                                                                                              |
| UniProt Accession #              | P62979; P02248; P02249; P02250; P14798; P62988; Q29120; Q6LBL4; Q6LDU5; Q8WYN8; Q91887; Q91888                                                                                    |
| Molecular Weight                 | 17,965 Da                                                                                                                                                                         |
| NCBI Official Full Name          | ubiquitin                                                                                                                                                                         |
| NCBI Official Synonym Full Names | ribosomal protein S27a                                                                                                                                                            |
| NCBI Official Symbol             | RPS27A                                                                                                                                                                            |
| NCBI Official Synonym Symbols    | UBC; S27A; CEP80; UBA80; HEL112; UBCEP1; UBCEP80                                                                                                                                  |
| NCBI Protein Information         | ubiquitin-40S ribosomal protein S27a; ubiquitin C; ubiquitin-CEP80; epididymis luminal protein 112; ubiquitin and ribosomal protein S27a; ubiquitin carboxyl extension protein 80 |
| UniProt Protein Name             | Ubiquitin-40S ribosomal protein S27a                                                                                                                                              |
| UniProt Gene Name                | RPS27A                                                                                                                                                                            |
| UniProt Synonym Gene Names       | UBA80; UBCEP1                                                                                                                                                                     |
| UniProt Entry Name               | RS27A_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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