

## Human Ubiquitin-60S Ribosomal Protein L40 (UBA52) ELISA Kit | UBA52 elisa kit

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CATALOG #  
**AAA331972**

REACTIVITY  
**Human**

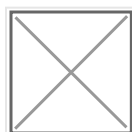
### PRODUCT SYNONYMS

Ubiquitin-60S Ribosomal Protein L40 (UBA52); Human Ubiquitin-60S Ribosomal Protein L40 (UBA52) ELISA Kit; UBA52; CEP52; HUBCEP52; MGC126879; MGC126881; MGC57125; RPL40; 60S ribosomal protein L40; ribosomal protein L40; ubiquitin and ribosomal protein L40; ubiquitin carboxyl extension protein 52; ubiquitin-52 amino; UBA52 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                                                                    |
| Specificity             | Human Ubiquitin-60S ribosomal protein L40 (UBA52) ELISA Kit has high sensitivity and excellent specificity for detection of Human UBA52. No significant cross-reactivity or interference between Human UBA52 and analogues was observed. |
| Sequence Length         | 128                                                                                                                                                                                                                                      |
| Assay Type              | Sandwich                                                                                                                                                                                                                                 |
| Samples                 | Human serum, cell culture supernates and other biological fluids                                                                                                                                                                         |
| Detection Range         | 30 pg/ml - 480 pg/ml                                                                                                                                                                                                                     |
| Sensitivity             | < 1pg/ml                                                                                                                                                                                                                                 |
| Intra-assay Precision   | Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.                                                                                                                |
| Inter-assay Precision   | Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.                            |
| Preparation and Storage | Store at 2-8 degree C.                                                                                                                                                                                                                   |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for UBA52 elisa kit | <p>Background: Ubiquitin is a highly conserved nuclear and cytoplasmic protein that has a major role in targeting cellular proteins for degradation by the 26S proteasome. It is also involved in the maintenance of chromatin structure, the regulation of gene expression, and the stress response. Ubiquitin is synthesized as a precursor protein consisting of either polyubiquitin chains or a single ubiquitin moiety fused to an unrelated protein. UBA52 encodes a fusion protein consisting of ubiquitin at the N terminus and ribosomal protein L40 at the C terminus, a C-terminal extension protein (CEP). Multiple processed pseudogenes derived from this gene are present in the genome.</p> <p>Principle of the Assay: Human Ubiquitin-60S ribosomal protein L40 (UBA52) ELISA Kit employs a two-site sandwich ELISA to quantitate UBA52 in samples. An antibody specific for UBA52 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any UBA52 present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Human UBA52 detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of UBA52 bound in the initial step. The color development is stopped and the intensity of the color is measured.</p> |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                           |
|----------------------------------|-----------------------------------------------------------|
| NCBI GI #                        | 115496708                                                 |
| NCBI GeneID                      | 615199                                                    |
| NCBI Accession #                 | NP_001069831.1                                            |
| NCBI GenBank Nucleotide #        | NP_001069831.1                                            |
| UniProt Accession #              | P63048                                                    |
| NCBI Official Full Name          | ubiquitin-60S ribosomal protein L40                       |
| NCBI Official Synonym Full Names | ubiquitin A-52 residue ribosomal protein fusion product 1 |
| NCBI Official Symbol             | UBA52                                                     |
| NCBI Official Synonym Symbols    | UBB; UBC; RPS27A                                          |
| NCBI Protein Information         | ubiquitin-60S ribosomal protein L40                       |
| UniProt Protein Name             | Ubiquitin-60S ribosomal protein L40                       |
| UniProt Gene Name                | UBA52                                                     |
| UniProt Synonym Gene Names       | UBCEP2                                                    |
| UniProt Entry Name               | RL40_BOVIN                                                |

**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.