

## Bovine Ribosomal Protein L10 ELISA Kit | RPL10 elisa kit

Bovine Ribosomal Protein L10 ELISA Kit

CATALOG #  
**AAA90805**

REACTIVITY  
**Bovine**

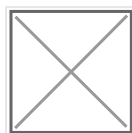
### PRODUCT SYNONYMS

Ribosomal Protein L10; Bovine Ribosomal Protein L10 ELISA Kit; RPL10 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Bovine                                                                                                                                                                                    |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                                |
| Assay Type              | Sandwich                                                                                                                                                                                  |
| Sensitivity             | 0.1 ng/mL.                                                                                                                                                                                |
| Intended Uses           | This RPL10 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine RPL10. 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 RPL10 elisa kit

**Principle of the Assay:** RPL10 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for RPL10. Standards or samples are then added to the microtiter plate wells and RPL10 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of RPL10 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for RPL10 are added to each well to "sandwich" the RPL10 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 RPL10 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 RPL10 concentration in each sample is interpolated from this standard curve.

#### Product Categories/Family for RPL10 elisa kit

Cell Biology

### NCBI AND UNIPROT INFORMATION

|             |          |
|-------------|----------|
| NCBI GI #   | 49457091 |
| NCBI GeneID | 6134     |

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| UniProt Accession #              | P27635; Q16470; Q2HXT7; Q53FH7; Q6FGN8; Q8TDA5; A3KQT0; D3DWW6; Q5HY50; Q9GZW2                        |
| Molecular Weight                 | 24,604 Da                                                                                             |
| NCBI Official Full Name          | RPL10                                                                                                 |
| NCBI Official Synonym Full Names | ribosomal protein L10                                                                                 |
| NCBI Official Symbol             | RPL10                                                                                                 |
| NCBI Official Synonym Symbols    | QM; L10; NOV; AUTSX5; DXS648; DXS648E                                                                 |
| NCBI Protein Information         | 60S ribosomal protein L10; tumor suppressor QM; laminin receptor homolog; Wilms tumor-related protein |
| UniProt Protein Name             | 60S ribosomal protein L10                                                                             |
| UniProt Gene Name                | <b>RPL10</b>                                                                                          |
| UniProt Synonym Gene Names       | DXS648E; QM                                                                                           |
| UniProt Entry Name               | RL10_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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