

## Monkey Mutant type p53 ELISA Kit | Mt-p53 elisa kit

Monkey Mutant type p53 ELISA Kit

CATALOG #  
**AAA94523**

REACTIVITY  
**Monkey**

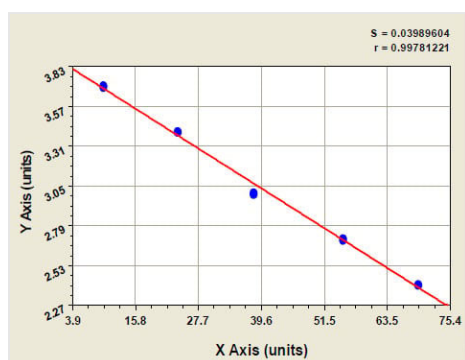
### PRODUCT SYNONYMS

Mutant type p53; Monkey Mutant type p53 ELISA Kit; Mt-p53 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Monkey                                                                                                                                                                                      |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                                  |
| Assay Type              | Competitive                                                                                                                                                                                 |
| Sensitivity             | 1.0 pg/mL.                                                                                                                                                                                  |
| Intended Uses           | This Mt-p53 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey Mt-p53. 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 Mt-p53 elisa kit

**Principle of the assay:** Mt-p53 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-Mt-p53 antibody and an Mt-p53-HRP conjugate. The assay sample and buffer are incubated together with Mt-p53-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 Mt-p53 concentration since Mt-p53 from samples and Mt-p53-HRP conjugate compete for the anti-Mt-p53 antibody binding site. Since the number of sites is limited, as more sites are occupied by Mt-p53 from the sample, fewer sites are left to bind Mt-p53-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Mt-p53 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 11528486                                                                                                                      |
| NCBI GeneID                      | 24842                                                                                                                         |
| Molecular Weight                 | 43,451 Da                                                                                                                     |
| NCBI Official Full Name          | mutant p53                                                                                                                    |
| NCBI Official Synonym Full Names | tumor protein p53                                                                                                             |
| NCBI Official Symbol             | Tp53                                                                                                                          |
| NCBI Official Synonym Symbols    | p53; Trp53                                                                                                                    |
| NCBI Protein Information         | cellular tumor antigen p53; tumor suppressor p53; transformation related protein 53; tumor protein p53 (Li-Fraumeni syndrome) |
| UniProt Protein Name             | Cellular tumor antigen p53                                                                                                    |
| UniProt Gene Name                | <b>Tp53</b>                                                                                                                   |
| UniProt Synonym Gene Names       | P53                                                                                                                           |
| UniProt Entry Name               | P53_RAT                                                                                                                       |

**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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Online datasheet: <https://stage.aaabiotech.com/mt-p53-monkey-elisa-kits/mutant-type-p53/94523>