

## Rat TP53 (Tumor Protein 53) CLIA Kit | TP53 clia kit

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CATALOG #  
**AAA171316**

REACTIVITY  
**Rat**

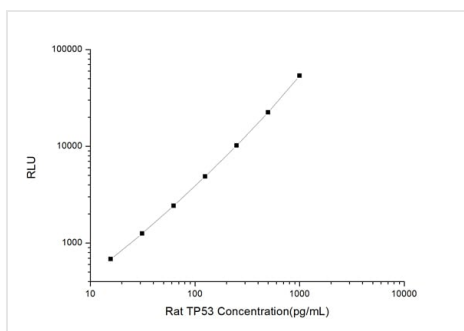
### PRODUCT SYNONYMS

TP53 (Tumor Protein 53); Rat TP53 (Tumor Protein 53) CLIA Kit; TP53 clia kit

### PRODUCT SPECIFICATIONS

|                 |                                                                                                                                            |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity      | Rat                                                                                                                                        |
| Specificity     | This kit recognizes natural and recombinant TP53. No significant cross-reactivity or interference between TP53 and analogues was observed. |
| Sequence Length | 115                                                                                                                                        |
| Assay Type      | Sandwich                                                                                                                                   |
| Detection Range | 15.625-1000pg/mL                                                                                                                           |
| Sensitivity     | Min: 9.375pg/mL; Max: 1000pg/mL                                                                                                            |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for TP53 clia kit

**Intended Uses:** This CLIA kit applies to the in vitro quantitative determination of TP53 concentrations in serum, plasma and other biological fluids.

**Principle of the Assay:** This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to TP53. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for TP53 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain TP53, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of TP53. You can calculate the concentration of TP53 in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

|                                  |                            |
|----------------------------------|----------------------------|
| NCBI GI #                        | 523891331                  |
| NCBI GeneID                      | 7157                       |
| Molecular Weight                 | 24,401 Da                  |
| NCBI Official Full Name          | tumor protein 53, partial  |
| NCBI Official Synonym Full Names | tumor protein p53          |
| NCBI Official Symbol             | TP53                       |
| NCBI Official Synonym Symbols    | P53; BCC7; LFS1; TRP53     |
| NCBI Protein Information         | cellular tumor antigen p53 |
| UniProt Protein Name             | Cellular tumor antigen p53 |
| UniProt Gene Name                | TP53                       |
| UniProt Synonym Gene Names       | P53                        |
| UniProt Entry Name               | P53_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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Online datasheet: <https://stage.aaabiotech.com/rat-clia-kits/tp53-tumor-protein-53/171316>