

Human p53/tumor protein, p53/TP53 ELISA Kit

Cat. No.: NRZP-0722-ZP259

This assay has high sensitivity and excellent specificity for detection of human P53.

PRODUCT OVERVIEW

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| Species Reactivity | Human |
| Marker | Tumor protein p53 |

PROPERTIES

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| Sensitivity | In most cases, the sensitivity is below 2.34 pg/ml. |
| Detection Method | Sandwich |
| Sample Type | serum, cell culture supernates, urine, cerebrospinal fluid (CSF), tissue homogenates, cell lysates |
| Assay Type | quantitative |
| Assay Duration | 1-5h |
| Number Of Samples | 50-100ul |
| Detection Range | 9.38 pg/ml-600 pg/ml |
| Max Emission | 450 nm |

TARGET DETAILS

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| Target | TP53 |
| Official Name | TP53 |
| Full Name | tumor protein p53 |
| Alternative Names | FLJ92943; LFS1; TRP53; p53; p53 antigen; p53 transformation suppressor; p53 tumor suppressor; phosphoprotein p53; transformation-related protein 53; BCC7; LFS1; BMFS5 |
| Gene ID | 7157 (H uman) |
| Uniprot ID | P04637 (Human) |

PROTOCOLS

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| Protocols | 1.Prepare reagents, samples and standards as instructed. 2.Add 100ul standard or sample to each well. Incubate 2 hours at 37°C. 3.Remove the liquid of each well, don't wash. |
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4. Add 100ul Biotin-antibody(1x) to each well. Incubate 1 hour at 37°C.
 5. Aspirate and wash 3 times.
 6. Add 100ul HRP-avidin (1x) to each well. Incubate 1 hour at 37°C.
 7. Aspirate and wash 5 times.
 8. Add 90ul TMB Substrate to each well. Incubate 15-30 minutes at 37°C. Protect from light.
 9. Add 50ul Stop Solution to each well. Read at 450 nm within 5 minutes.
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