

# Product Datasheet

## Human CDK4 ELISA Kit (Colorimetric) NBP2-75171

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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**NBP2-75171****Human CDK4 ELISA Kit (Colorimetric)****Product Information**

|                      |                                                                                                          |
|----------------------|----------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>     | 1 Kit                                                                                                    |
| <b>Concentration</b> | Concentration is not relevant for this product. Please see the protocols for proper use of this product. |
| <b>Storage</b>       | Storage of components varies. See protocol for specific instructions.                                    |

**Product Description**

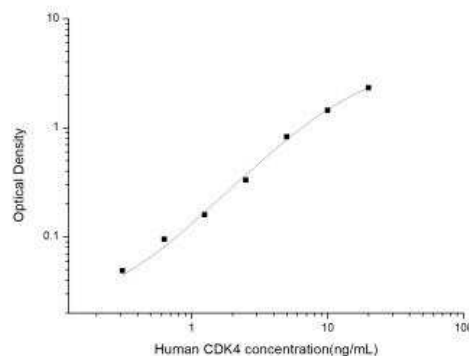
|                                |                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>                 | 1019                                                                                                                                                                                                                                                                                                                                                               |
| <b>Gene Symbol</b>             | CDK4                                                                                                                                                                                                                                                                                                                                                               |
| <b>Species</b>                 | Human                                                                                                                                                                                                                                                                                                                                                              |
| <b>Specificity/Sensitivity</b> | This kit recognizes Human CDK4 in samples. No significant cross-reactivity or interference between Human CDK4 and analogues was observed.                                                                                                                                                                                                                          |
| <b>Kit Components</b>          | Micro ELISA Plate(Dismountable), Reference Standard, Concentrated Biotinylated Detection Ab (100×), Concentrated HRP Conjugate (100×), Reference Standard & Sample Diluent, Biotinylated Detection Ab Diluent, HRP Conjugate Diluent, Concentrated Wash Buffer (25×), Substrate Reagent, Stop Solution, Plate Sealer, Product Description, Certificate of Analysis |
| <b>Standard Curve Range</b>    | 0.31 - 20 ng/mL                                                                                                                                                                                                                                                                                                                                                    |
| <b>Sensitivity</b>             | 0.19 ng/mL                                                                                                                                                                                                                                                                                                                                                         |
| <b>Inter Assay</b>             | CV% < 4.64%                                                                                                                                                                                                                                                                                                                                                        |
| <b>Intra Assay</b>             | CV% < 4.82%                                                                                                                                                                                                                                                                                                                                                        |
| <b>Assay Type</b>              | Sandwich-ELISA                                                                                                                                                                                                                                                                                                                                                     |
| <b>Spiking Recovery</b>        | 85-106%                                                                                                                                                                                                                                                                                                                                                            |
| <b>Suitable Sample Type</b>    | Serum, plasma and other biological fluids.                                                                                                                                                                                                                                                                                                                         |
| <b>Sample Volume</b>           | 100 uL                                                                                                                                                                                                                                                                                                                                                             |

**Product Application Details**

|                              |       |
|------------------------------|-------|
| <b>Applications</b>          | ELISA |
| <b>Recommended Dilutions</b> | ELISA |

**Images**

Human CDK4 ELISA Kit (Colorimetric) - Standard Curve Reference





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### **Products Related to NBP2-75171**

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|            |                                    |
|------------|------------------------------------|
| NBP2-22974 | Recombinant Human CDK4 His Protein |
| NB500-106  | PCNA Antibody (PC10)               |
| NBP1-31308 | CDK4 Antibody                      |
| NB200-106  | p19ARF/CDKN2A Antibody - BSA Free  |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

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