

## Human Bromodomain containing protein 9 (BRD9) ELISA Kit | BRD9 elisa kit

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CATALOG #  
**AAA245420**

REACTIVITY  
**Human**

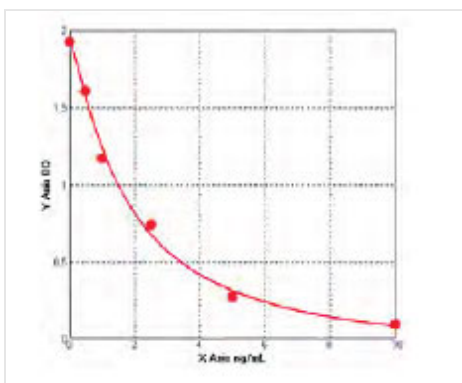
### PRODUCT SYNONYMS

Bromodomain containing protein 9 (BRD9); Human Bromodomain containing protein 9 (BRD9) ELISA Kit; BRD9 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                    |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of BRD9. No significant cross-reactivity or interference between BRD9 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between BRD9 and all the analogues, therefore, cross reaction may still exist in some cases. |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate                                                                                                                                                                                                                                                                                                               |
| Assay Type              | Quantitative Competitive                                                                                                                                                                                                                                                                                                                                                                 |
| Sensitivity             | 0.1 ng/mL                                                                                                                                                                                                                                                                                                                                                                                |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                      |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for BRD9 elisa kit | <p>Intended Uses: This BRD9 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of HumanBRD9. This ELISA kit for research use only, not for therapeutic or test applications!</p> <p>Principle of the Assay: BRD9 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-BRD9 antibody and an BRD9-HRP conjugate. The assay sample and buffer are incubated together with BRD9-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 BRD9 concentration since BRD9 from samples and BRD9-HRP conjugate compete for the anti-BRD9 antibody binding site. Since the number of sites is limited, as more sites are occupied by BRD9 from the sample, fewer sites are left to bind BRD9-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BRD9 concentration in each sample is interpolated from this standard curve.</p> |
| Product Categories/Family for BRD9 elisa kit   | Epigenetics and Nuclear Signaling                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 242247075                                                                                         |
| NCBI GeneID                      | 65980                                                                                             |
| NCBI Accession #                 | NP_001009877.2                                                                                    |
| NCBI GenBank Nucleotide #        | NM_001009877.2                                                                                    |
| Molecular Weight                 | 60,763 Da                                                                                         |
| NCBI Official Full Name          | bromodomain-containing protein 9 isoform 2                                                        |
| NCBI Official Synonym Full Names | bromodomain containing 9                                                                          |
| NCBI Official Symbol             | BRD9                                                                                              |
| NCBI Official Synonym Symbols    | PRO9856; LAVS3040                                                                                 |
| NCBI Protein Information         | bromodomain-containing protein 9; sarcoma antigen NY-SAR-29; rhabdomyosarcoma antigen MU-RMS-40.8 |
| UniProt Protein Name             | Bromodomain-containing protein 9                                                                  |
| UniProt Gene Name                | <b>BRD9</b>                                                                                       |
| UniProt Synonym Gene Names       | UNQ3040/PRO9856                                                                                   |
| UniProt Entry Name               | BRD9_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/human-elisa-kits/bromodomain-containing-protein-9-brd9/245420>