

## Sheep Wingless-type MMTV integration site family, member 9B ELISA Kit | WNT9B elisa kit

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|                              |                            |
|------------------------------|----------------------------|
| CATALOG #<br><b>AAA97388</b> | REACTIVITY<br><b>Sheep</b> |
|------------------------------|----------------------------|

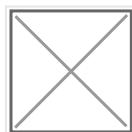
### PRODUCT SYNONYMS

Wingless-type MMTV integration site family; member 9B; Sheep Wingless-type MMTV integration site family; member 9B ELISA Kit; WNT9B elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Sheep                                                                      |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate |
| Assay Type              | Competitive                                                                |
| Detection Range         | 0.5-10ng/mL                                                                |
| Sensitivity             | 0.1ng/mL                                                                   |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                        |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for WNT9B elisa kit | <b>Principle of the assay:</b> WNT9B ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-WNT9B antibody and an WNT9B-HRP conjugate. The assay sample and buffer are incubated together with WNT9B-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 WNT9B concentration since WNT9B from samples and WNT9B-HRP conjugate compete for the anti-WNT9B antibody binding site. Since the number of sites is limited, as more sites are occupied by WNT9B from the sample, fewer sites are left to bind WNT9B-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The WNT9B concentration in each sample is interpolated from this standard curve. |
| Product Categories/Family for WNT9B elisa kit   | <a href="#">Signal Transduction</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

### NCBI AND UNIPROT INFORMATION

|                  |                          |
|------------------|--------------------------|
| NCBI GI #        | <a href="#">37181546</a> |
| NCBI GeneID      | <a href="#">7484</a>     |
| Molecular Weight | 39,001 Da                |

|                                  |                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------|
| NCBI Official Full Name          | WNT9B                                                                                  |
| NCBI Official Synonym Full Names | wingless-type MMTV integration site family, member 9B                                  |
| NCBI Official Symbol             | WNT9B                                                                                  |
| NCBI Official Synonym Symbols    | WNT15; WNT14B                                                                          |
| NCBI Protein Information         | protein Wnt-9b; protein Wnt-14b; wingless-type MMTV integration site family, member 15 |
| UniProt Protein Name             | Protein Wnt-9b                                                                         |
| UniProt Gene Name                | <b>WNT9B</b>                                                                           |
| UniProt Synonym Gene Names       | WNT14B; WNT15; UNQ6973/PRO21956                                                        |
| UniProt Entry Name               | WNT9B_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/wnt9b-sheep-elisa-kits/wingless-type-mmtv-integration-site-family-member-9b/97388>