

## Canine Connexin 26 ELISA Kit | CX26 elisa kit

Canine Connexin 26 ELISA Kit

CATALOG #  
**AAA90594**

REACTIVITY  
**Canine**

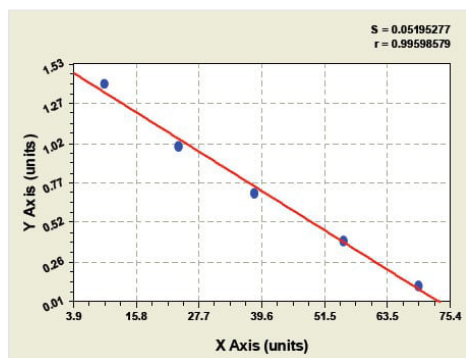
### PRODUCT SYNONYMS

Connexin 26; Canine Connexin 26 ELISA Kit; CX26 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Canine                                                                     |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate |
| Assay Type              | Sandwich                                                                   |
| Detection Range         | 1.0-25ng/mL                                                                |
| Sensitivity             | 0.1ng/mL                                                                   |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                        |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
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| Related Product Information for CX26 elisa kit | <p><b>For samples:</b> Serum, plasma, cell culture supernatants, body fluid and tissue homogenate</p> <p><b>INTENDED USE</b> This CX26 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine CX26. This ELISA kit for research use only!</p> <p><b>PRINCIPLE OF THE ASSAY</b> CX26 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CX26 antibody and an CX26-HRP conjugate. The assay sample and buffer are incubated together with CX26-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 CX26 concentration since CX26 from samples and CX26-HRP conjugate compete for the anti-CX26 antibody binding site. Since the number of sites is limited, as more sites are occupied by CX26 from the sample, fewer sites are left to bind CX26-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CX26 concentration in each sample is interpolated from this standard curve.</p> |
| Product Categories/Family for CX26 elisa kit   | Cell Biology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

NCBI AND UNIPROT INFORMATION

|                         |                      |
|-------------------------|----------------------|
| NCBI GI #               | 46242698             |
| Molecular Weight        | 16,130 Da            |
| NCBI Official Full Name | connexin26, partial  |
| UniProt Protein Name    | Gap junction protein |
| UniProt Gene Name       | Cx26                 |
| UniProt Entry Name      | Q6PYU4_MESAU         |

**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/cx26-canine-elisa-kits/connexin-26/90594>