

**PRODUCT INFORMATION**

<b>Common Name</b>	CAN34D3-65,PF-06443537
<b>Conjugate</b>	Unconjugated
<b>Synonyms</b>	IL-31
<b>Applications</b>	ELISA
<b>Endotoxin</b>	Less than 1.0 EU/μg by the LAL method. For <1 EU/mg requirements, please contact us for customization.
<b>Recommended Dilutions</b>	ELISA 1:5000-10000
<b>Formulation &amp; Reconstitution</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
<b>Host Species</b>	Chimeric
<b>IgG type</b>	Human IgG1 - kappa
<b>Reactivity</b>	Canis lupus familiaris
<b>Target</b>	IL31
<b>Uniprot ID</b>	C7G0W1
<b>Description</b>	Anti-Canine IL31(lokivetmab biosimilar) mAb
<b>Delivery</b>	In Stock
<b>Storage&amp;Shipping</b>	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized antibodies are shipped at ambient temperature.
<b>Sterility</b>	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
<b>Background</b>	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
<b>Usage</b>	Research use only



### Anti-Canine IL31(lokivetmab biosimilar) mAb ELISA

0.2  $\mu$ g of Canine IL31, His tagged protein per well

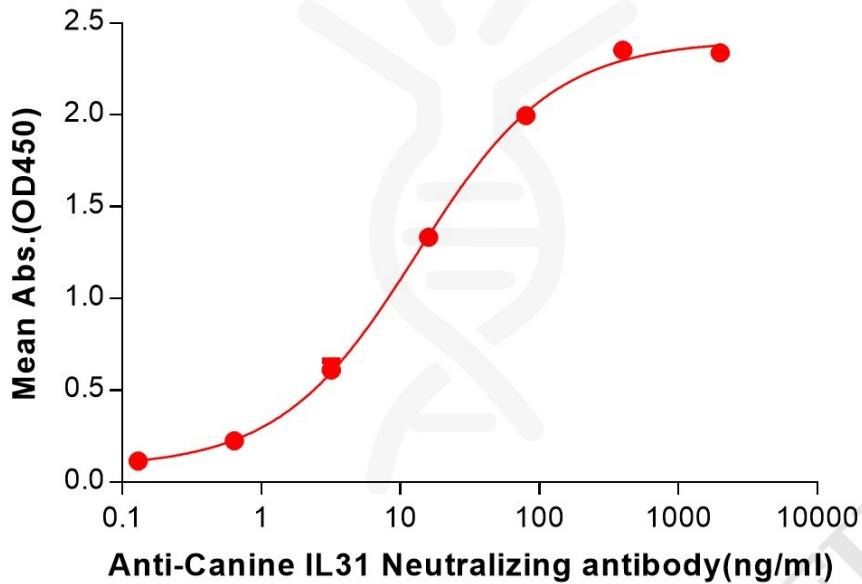


Figure 1. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Canine IL31 Protein, His Tag (PME-D100004) can bind Anti-Canine IL31(lokivetmab biosimilar) mAb (BME100268) in a linear range of 0.64-80 ng/mL.

### Anti-Canine IL31(lokivetmab biosimilar) mAb ELISA

0.2  $\mu$ g of Canine IL31, mFc tagged protein per well

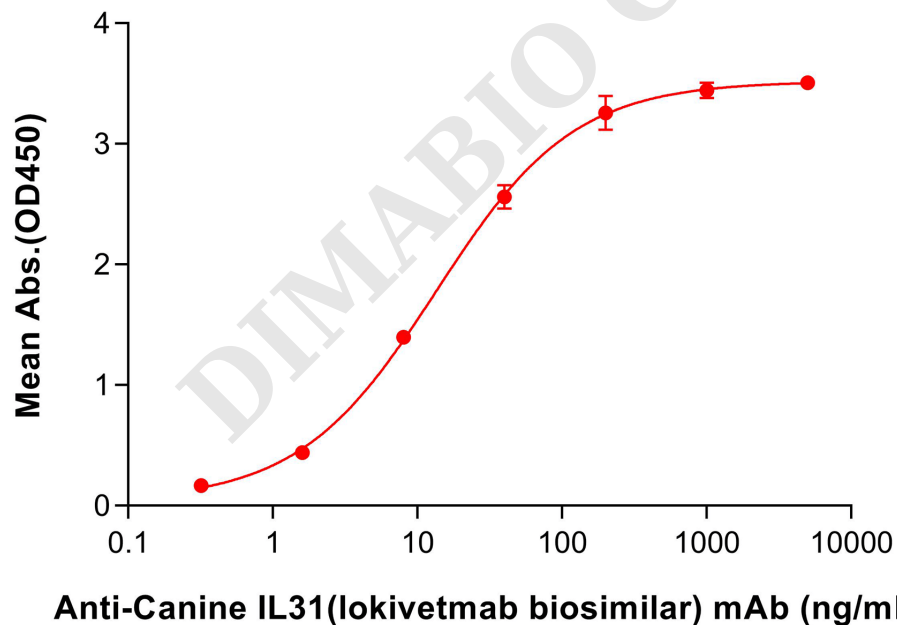


Figure 2. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Canine IL31 Protein, mFc Tag (PME-D100011) can bind Anti-Canine IL31(lokivetmab biosimilar) mAb (BME100268) in a linear range of 8.0-40 ng/mL.



## Anti-Canine IL31(lokivetmab biosimilar) mAb ELISA

0.2  $\mu$ g of Canine IL31, hFc tagged protein per well

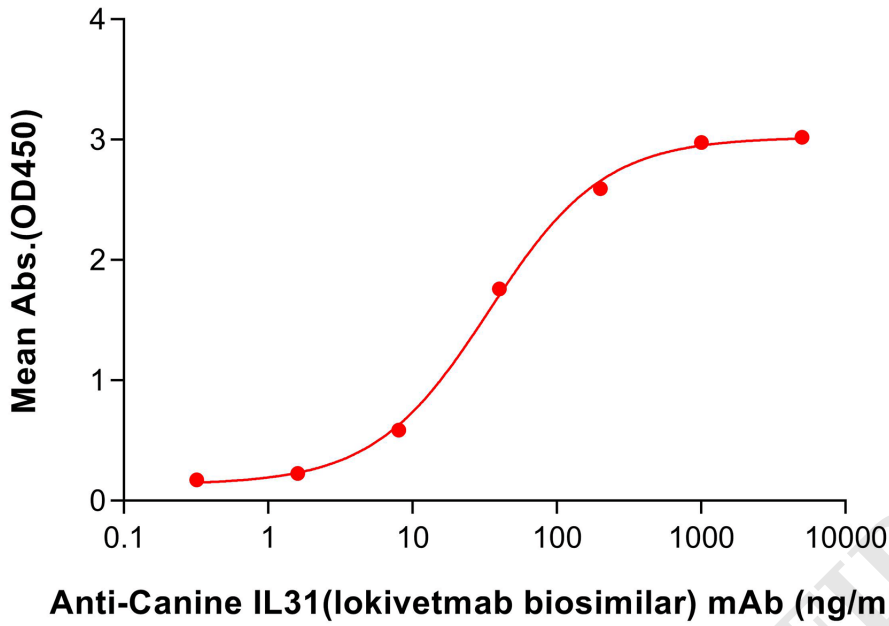


Figure 3. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Canine IL31 Protein, hFc Tag (PME-D100012) can bind Anti-Canine IL31(lokivetmab biosimilar) mAb (BME100268) in a linear range of 8.0-40 ng/mL. In order to specifically detect BME100268, mouse anti-human Fab-specific antibody was used as detection antibody.

