

PRODUCT INFORMATION

Common Name	CAN34D3-65,PF-06443537
Conjugate	Unconjugated
Synonyms	IL-31
Applications	ELISA
Recommended Dilutions	ELISA 1:5000-10000
Formulation & Reconstitution	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.
Host Species	Chimeric
IgG type	Human IgG1 - kappa
Reactivity	Canis lupus familiaris
Target	IL31
Uniprot ID	C7G0W1
Description	Anti-Canine IL31(lokivetmab biosimilar) mAb
Delivery	In Stock
Storage & Shipping	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.
Background	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
Usage	Research use only



**Anti-Canine IL31(lokivetmab biosimilar) mAb ELISA**  
0.2 µg of Canine IL31, His tagged protein per well

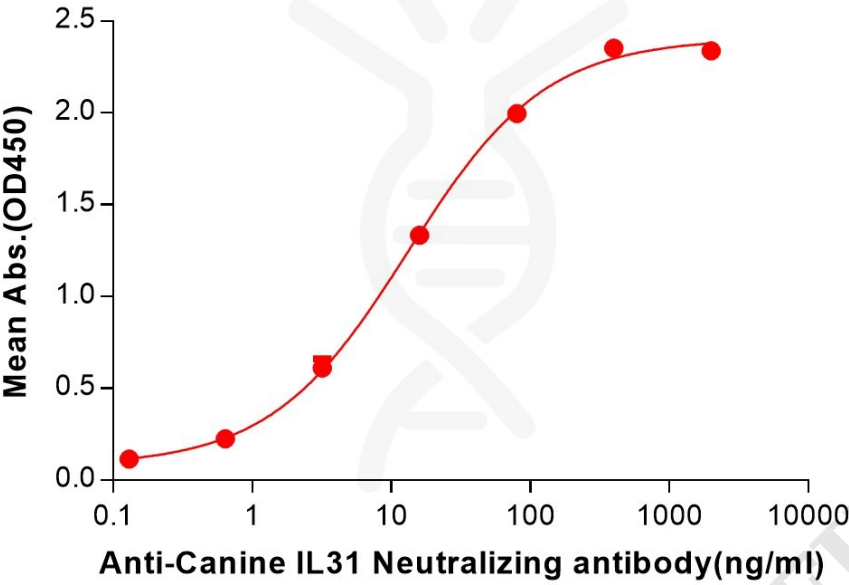


Figure 1. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Canine IL31 Protein, His Tag (PME-D100004) can bind Anti-Canine IL31(lokivetmab biosimilar) mAb (BME100268) in a linear range of 0.64-80 ng/mL.

**Anti-Canine IL31(lokivetmab biosimilar) mAb ELISA**  
0.2 µg of Canine IL31, mFc tagged protein per well

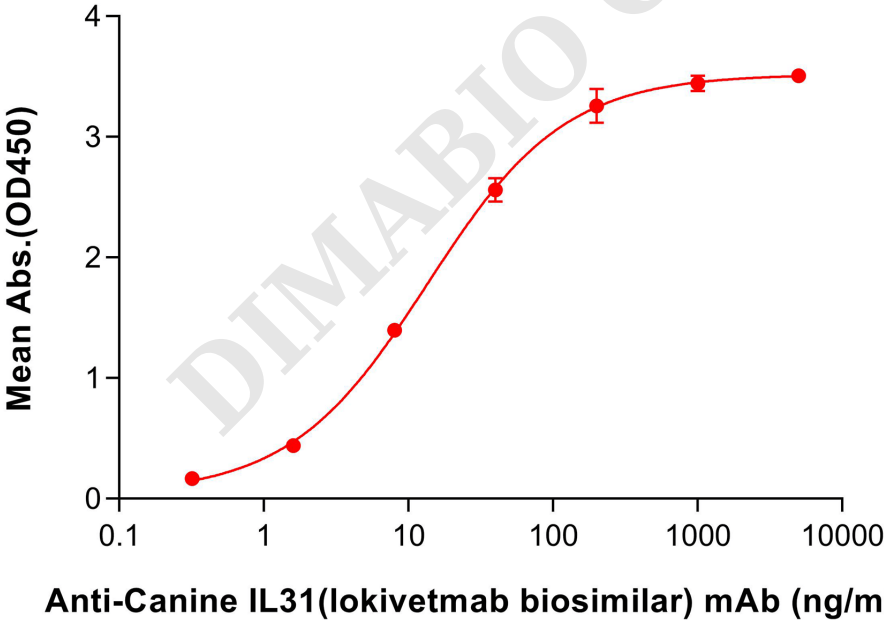


Figure 2. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Canine IL31 Protein, mFc Tag (PME-D100011) can bind Anti-Canine IL31(lokivetmab biosimilar) mAb (BME100268) in a linear range of 8.0-40 ng/mL.



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

0.2 µg of Canine IL31, hFc tagged protein per well

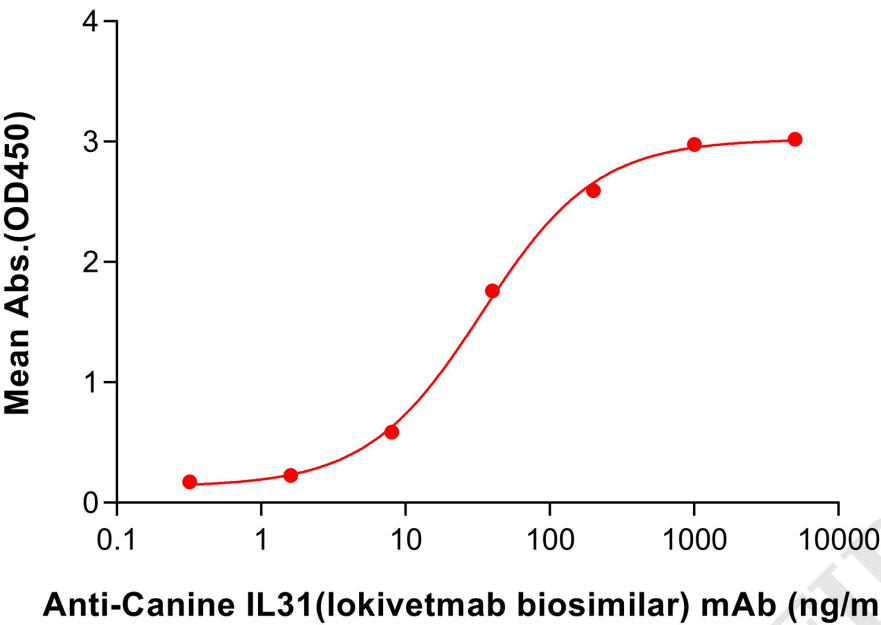


Figure 3. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Canine IL31 Protein, hFc Tag (PME-D100012) can bind Anti-Canine IL31(lokivetmab biosimilar) mAb (BME100268) in a linear range of 8.0-40 ng/mL. In order to specifically detect BME100268, mouse anti-human Fab-specific antibody was used as detection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

