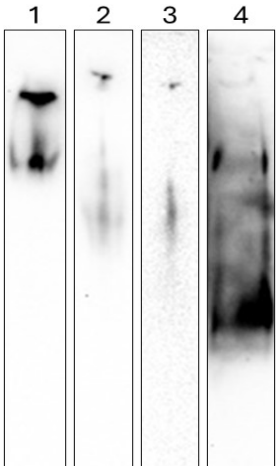


Immunoglobulin A (IgA) is an antibody that plays a key role in mucosal immunity, protecting surfaces exposed to the outside world such as the respiratory, gastrointestinal, and urogenital tracts. Found in high levels in saliva, tears, and breast milk, IgA is important for protective mucosal immunity and is often evaluated in studies of vaccines and pathogen transmission. IgA works by neutralizing pathogens and preventing them from attaching to and entering tissues, helping stop infections at their point of entry. IgA exists in two main forms: a monomer in the bloodstream and a dimer (secretory IgA) in mucosal secretions.

Description	
Immunogen	Proprietary mix of recombinant and native Ferret IgA
Reactivity	Ferret
Source	Mouse monoclonal IgG <sub>1</sub> conjugated to biotin
Purification	Protein G purified from hybridoma cell culture supernatant
Applications	ELISA
Formulation	Lyophilized from PBS, BSA, and ProClin with Trehalose Reconstitute in 100µL ddH <sub>2</sub> O to 1 mg/mL
Shipping	Ambient
Storage	5 years at -20°C to -80°C as supplied 1 month at 4°C after reconstitution with preservative 1 year at -20°C to -80°C after reconstitution
Expiration	2 years from date of receipt
 <p>WB detection of Ferret Immunoglobulins</p> <p>Native PAGE 4-16%, non-reducing conditions, <u>no detergent added</u> Blocking: 4% NFDM, PBS All lanes loaded with 0.2uL Ferret Plasma</p> <p>Blot was probed with 1µg/mL: Lane 1: Anti-Ferret IgM Cat # M2081, clone FTGM-3E11 Lane 2: Anti-Ferret IgA Cat # M2079, clone FTA-2F12 <b>Lane 3: Anti Ferret Ig Cat # M2080, clone FTGA-3D10</b> Lane 4: Anti-Ferret Ig Cat # M2083, clone FTIG-2B3 followed by HRP detection antibody. Ferret IgA was detected with Cat # M2080, clone FTA-3D10, with minimal cross-reactivity to other immunoglobulin classes.</p>	

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