

Native Horse Immunoglobulin A

Cat. No. IgA-244H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Horse Immunoglobulin A, Tag Free
Species	Horse
Source	Sera
Description	IgA is present in both the serum and mucosal secretions of the horse, and it is the principal Ig in milk, tears, and secretions of the upper respiratory tract. In common with most other mammalian species, the horse has a single IgA heavy chain constant region gene (IGHA). A mucosal IgA response in horses makes a key contribution to immunity against viral (Equine Influenza Virus and Equine Herpesvirus-1) and bacterial (<i>S. equi</i>, <i>Rhodococcus equi</i>, <i>Salmonella enterica</i>, and <i>Clostridium botulinum</i>) infections.
Tag	Non
Form	Clear solution
Purity	Protein-A affinity purified to greater than 95%. Validated by SDS-PAGE.
Applications	ELISA, WB, IP, IHC. For laboratory research use only
Stability	Stable for 60 months if stored at recommended storage conditions.
Storage	Store at 4 centigrade in the fridge for short term use. Aliquot and store at -20 or -80

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centigrade for long term storage. Avoid repeated freeze thaw cycles.

Storage Buffer	Provided as sterile filtered solution in PBS, pH 7.2.
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Preservative	No preservatives added.
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Concentration	1 mg/mL
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Shipping	Antibody may be shipped on ice packs at ambient temperature.
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GENE INFORMATION

Official Symbol	IgA
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Synonyms	Horse IgA, Horse Immunoglobulin-A
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