

Technical Data Sheet

Biotin Mouse Anti-Pig IgG**Product Information**

Material Number:	552555
Size:	0.2 mg
Concentration:	0.5 mg/ml
Clone:	F007-1241
Immunogen:	Purified pig IgG
Isotype:	Mouse (BALB/c) IgG1, κ
Reactivity:	QC Testing: Pig
Storage Buffer:	Aqueous buffered solution containing $\leq 0.09\%$ sodium azide.

Description

The F007-1241 antibody reacts with pig IgG, but not with pig IgM. The reactivity with individual pig IgG subclasses (IgG1, IgG2a, IgG2b, IgG3, IgG4) was not determined. It does not cross-react with mouse, rat, hamster, or rabbit immunoglobulins. The F007-1241 antibody does have some cross-reactivity with dog immunoglobulins.

Preparation and Storage

The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.

The antibody was conjugated with biotin under optimum conditions, and unreacted biotin was removed.

Store undiluted at 4° C and protected from prolonged exposure to light. Do not freeze.

Application Notes**Application**

ELISA	Routinely Tested
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Recommended Assay Procedure:

We recommend using the purified anti-pig IgG F007-1241 mAb (Cat. No. 552554) for capture in sandwich pig IgG ELISA in combination with biotinylated F007-1241 mAb (Cat. No. 552555) for detection.

Suggested Companion Products

<u>Catalog Number</u>	<u>Name</u>	<u>Size</u>	<u>Clone</u>
552554	Purified Mouse Anti-Pig IgG	0.5 mg	F007-1241

Product Notices

1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
2. Please refer to www.bdbiosciences.com/pharmingen/protocols for technical protocols.
3. Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive deposits in plumbing.

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