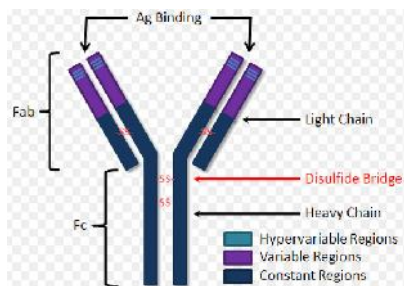


Product Data Sheet

Normal/Pre-immune Control Pig/Swine IgG (Isotype Controls)

| | | |
|--------------------------|---|---------------------|
| – Cat# 20017-1 | Pig IgG (swine non-immune, isotype control), purified | Size: 1 mg |
| – Cat# 20017-1-B | Pig IgG-Biotin conjugate (isotype control), purified | Size: 0.1 mg |
| – Cat# 20017-1-F | Pig IgG-FITC conjugate (isotype control) | Size: 0.1 mg |
| – Cat# 20017-1-HP | Pig IgG-HRP conjugate (isotype control) | Size: 0.1 mg |



A healthy non-immunized population of Pig was used to collect serum. IgG was prepared by ammonium sulfate, and column chromatography (Sephadex, and DEAE-ion

exchange columns). The resulting preparation was judged to be >95% pure by IEP and SDS-Page. Highly purified Pig serum IgG was labeled with purified preparation of calf intestinal alkaline phosphatase (AP), (horseradish peroxidase) HRP, Biotin or FITC or PE.

Form and Storage

Cat# 20017-1, unlabeled

The antibody is supplied in PBS, pH 7.4, and 0.05% azide in either **lyophilized** or **liquid** form (lot specific conc provided on the vial). Reconstitute powder in PBS to prepare stock solution. Store at -20oC in suitable aliquots. Stability is ~6-12 months. Do not freeze and thaw.

In most applications, Pig IgG is used at 0.1-1 ug/ml.

Cat# 20017-1-F, FITC-conjugate

Purified IgG was coupled to FITC at F/P ratio ~5. The antibody is supplied in PBS, pH 7.4, 1% BSA, 40% glycerol and 0.05% azide (see lot sp. concn on the vial). Store at -20oC in suitable aliquots. Stability is ~6-12 months. Do not freeze and thaw.

Suggested conjugate dilutions are 1:50-1:500 for immunofluorescence.

Absorption Wavelength: 495 nm
Emission Wavelength: 528 nm

Cat# 20017-1-B, Biotin-conjugate

Purified IgG was coupled to Biotin using Biotinamidocaproate N-Hydroxysuccinimide Ester (BAC) at F/P ratio ~10-20:1. The antibody is supplied in PBS, pH 7.4, 1% BSA and 0.05% azide in either **lyophilized** or **liquid** form (see lot sp. concn on the vial). Reconstitute powder in PBS to prepare stock solution. Store at -20oC in suitable aliquots. Stability is ~6-12 months. Do not freeze

and thaw.

Suggested conjugate dilutions are 1:1000-1:10,000 ELISA.

Cat# 20017-1-HP; HRP-conjugate

Purified IgG was coupled to HRP (RZ>3.0) using periodate method. The molar enzyme to protein (E/P) ratio = 4.0. The antibody is supplied in stabilizing buffer, 0.1% prolcin-300 as preservative in either **lyophilized** or **liquid** form (see lot specific conc on the vial). Reconstitute powder in PBS in 100 ul. Store at 4oC in suitable aliquots. Stability is ~6-12 months. Do not freeze and thaw.

Suggested conjugate dilutions are 1:1,000-1:10,000 ELISA, 1:1K-1:5K for western, and 1:200-1:1000 (IHC).

Recommended Working Dilution for ELISA

Working dilution for the specific application should be determined by the investigator to obtain the best conditions and prepared immediately before use. Diluted solution should be discarded. This product can be used in immunodiffusion, ELISA, flow cytometry, immunofluorescence, or immunolocalization.

This product is for in vitro research use only.

MSDS: This product is considered non-hazardous as defined by OSHA (CFR 1910.1200. Nov 25, 1983). It can be disposed of in the drain.

Related Material available for ADI

ELISA kits for Pig IgG, IgM, and IgE

| Catalog# | ProdDescription |
|-------------|---|
| 20017-1 | Pig IgG (swine non-immune, isotype control), purified |
| 20017-1-B | Pig IgG-Biotin conjugate (swine non-immune, isotype control), purified |
| 20017-1-F | Pig IgG-FITC conjugate (swine non-immune, isotype control), purified |
| 20017-1-HP | Pig IgG-HRP conjugate (swine non-immune, isotype control), purified |
| 20017-2-1 | Pig IgM (swine non-immune, isotype control), |
| 20017-2-1-B | Pig IgM-Biotin (swine non-immune, isotype control), |
| 20017-3-B | Pig IgG Fc-Biotin conjugate (swine non-immune, isotype control), purified |
| 20017-3-F | Pig IgG Fc-FITC conjugate (swine non-immune, isotype control), purified |
| 20017-3-HP | Pig IgG Fc-HRP conjugate (swine non-immune, isotype control), purified |
| 20017-3-UL | Pig IgG Fc (swine non-immune, isotype control), |
| 20017-4-100 | Pig IgA (swine non-immune, isotype control), purified |

20017-1-Con-Pig-IgG 150723AA

India Contact:

Life Technologies (India) Pvt. Ltd.

306, Aggarwal City Mall, Opposite M2K Pitampura, Delhi – 110034 (INDIA). Ph: +91-11-42208000, 42208111, 42208222, Mobile: +91-9810521400, Fax: +91-11-42208444
Email: customerservice@lifetechindia.com Website: www.lifetechindia.com