



Genemed Synthesis, Inc.  
6203 Wood Lake Center Dr., Bldg. 2, San Antonio, TX 78244, USA  
**Toll free** (800) 344-5337; **Phone:** (210) 745-5988; **Fax** (210) 745-5992  
**Email:** [info@genemedsyn.com](mailto:info@genemedsyn.com), **Website:** [www.genemedsyn.com](http://www.genemedsyn.com)

---

**Cat # SA-20004-1-**                      **Normal/Pre-immune Control G. Pig IgG**  
**Size:** 1 mg                      **Form:** Liquid                      Lyophilized  
**Storage:** Store at 4<sup>0</sup>C

---

### Description

A healthy non-immunized population of G. 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.

### Form and Storage

The normal G. Pig IgG is provided as liquid (1 mg/ml in PBS pH 7.4 + 0.05% sodium azide as preservative) or in lyophilized form. The product should be **stored at 4°C** for short term and -20°C for long term storage. It is stable for a minimum of 1 year. Do not store diluted solutions. Sodium azide, an inhibitor of peroxidase, must be avoided if used with antibody-HRP conjugates.

The **lyophilized products** should be dissolved in PBS, pH 7.4 to prepare desired concentration by gentle rocking or vortexing at room temperature. Centrifuge the IgG solution briefly (10,000 g, 15 min) to remove any particulate matter. It should be aliquoted and stored frozen for long term use.

### Suggested Uses

This preparation of normal G. Pig IgG is suitable for coating the ELISA plates or as a non-immune control for ELISA, dot blot, Western or IHC. Recommended testing concn. is approx. 1-10 ug/ml. It is, however, possible that this preparation may be unsuitable for some antigens or cell/tissue extracts and may give slightly higher background. Switching to another preparation from different G. Pig or vendor may alleviate this problem.

*This product is for in vitro research use only.*

---

Anti-rabbit IgG, Chicken, G. Pig, Human IgG-HRP/AP Conjugates are also available.

G. Pig IgG, IgM, IgA ELISA kits

ELISA kit for the detection of antibodies in G. Pig antibodies in serum

SA-20004-1                      Rev. 80609F