ALPHA DIAGNOSTIC INTERNATIONAL

Product Data Sheet

Normal/Control Monkey IgA

Cat# 20014-1 **Control Monkey Serum IgA (Rhesus, non-immune), purified** **Size:** 25 ug

Description

A healthy non-immunized population of monkey (Rhesus) was used to collect serum. **IgA** was prepared by ammonium sulfate, and column chromatography, and selective precipitation. The resulting preparation was judged to be >95% pure by IEP (single arc against anti-monkey serum) and SDS-Page.

Form and Storage

The normal monkey IgA is provided as 100 ug/500 ul (0.2 mg/ml) solution as liquid (0.125M Sodium borate, pH 8.00, 0.075 NaCl, 0.005M EDTA buffer, and 0.01% (w/v) sodium azide as preservative) or in lyophilized form. The product should be **stored at 4°C** for short term and –20oC 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 water (add 500 ul to prepare 100 ug/500 ul or 0.2 mg/ml) by gentle rocking or vortexing at room temperature. It is possible to make the stock solution in water to a desired stock solution (e.g., 1 mg/ml). Centrifuge the solution briefly (10,000 g, 15 min at 4oC) to remove any particulate matter. It should be aliquoted and stored frozen for long term use.

Suggested Uses

This preparation of normal monkey IgA 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 monkey or vendor may alleviate this problem.

Country of Origin: USA

MSDS:
Please note that although the product is defined as not hazardous, it is still advisable to follow prudent laboratory practices when handling laboratory reagents.

This material is sold for research purposes only and is not required to appear on the TSCA inventory. It is not intended for food, diagnostic, drug, household, agricultural or cosmetic use. Its use must be supervised by a technically qualified individual experienced in handling potentially hazardous chemicals.

This product is for in vitro research use only.

Related items available from ADI
Monkey IgG, IgM, IgA, IgE ELISA kits

Anti-rabbit IgG, Chicken, Mouse, Monkey/Human IgG-HRP/AP Conjugates are also available.
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Alpha Diagnostic Intl Inc., 6203 Woodlake Center Dr, San Antonio, TX 78244, USA; **Email**: service@4adi.com
☎ (800) 786-5777; (210) 561-9515; **Fax**: (210) 561-9544; **Web Site**: www.4adi.com