

### Product Data Sheet

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#### Normal/Pre-immune Control Chicken IgY

<b>Cat# 20010-1</b>	<b>Size:</b> 1 mg	<b>Cat# 20010-5</b>	<b>Size:</b> 5 mg
	<b>Form:</b> Liquid	Lyophilized	<b>Storage:</b> Store at 4°C

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### Description

A healthy non-immunized population of chickens was used to collect egg yolks. IgY 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 chicken IgY is provided as liquid (10 mg/ml in PBS pH 7.4 + 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 (add 100 ul to prepare original 10 mg/ml solution or in 1 ml to prepare 1 mg/ml solution) by gentle rocking or vortexing at room temperature. Centrifuge the IgY 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 IgY 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. 100 ug/ml to 1 mg/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 chickens or vendor may alleviate this problem.

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

#### 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.

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Related items available from ADI  
Chicken IgG, IgM, IgY ELISA kits  
ELISA kits to detect antibodies in chicken serum

Anti-Chicken IgG/IgY, Rabbit, Mouse, Human IgG-HRP/AP Conjugates are also available.

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