

# Certificate of analysis

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**Product Name/Description:** Anti-Glucagon, Polyclonal  
**Cat. #:** M182  
**Lot #:** Specified on product label  
**Storage Conditions:** 4 degrees C  
**Expiration Date:** 2 years from date of receipt under proper storage condition

**Package Size:** 0.1 mg

**Package Contents:** 1. Anti-Glucagon, Polyclonal 0.1 mg

**Note:** This product contains bovine serum albumin (BSA). For more information, contact your local office.

**Source:** Antibody:  
Guinea Pig polyclonal antibody raised against the peptide [HSQGTFTSDYSKYLDSRRAQDFVQWLMNT] of human Glucagon conjugated with KLH as an immunogen.

**Quality Control Data:**

The lyophilized antibody was dissolved in 50 µl of specified water. The antibody dilutions were applied for ELISA assay by colorimetric detection using a microtiter plate immobilized with human Glucagon peptide. The expected antibody titration was obtained.

**Manufacturing Control:**

Purification: Guinea Pig serum IgG was purified by affinity column chromatography, dissolved in 10 mM PBS, pH 7.4, containing 1.0% bovine serum albumin, and then lyophilized.  
The lyophilized antibody does not contain preservative.

It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department of Takara Bio Inc.

**Notice To Purchaser:**

Please refer to the website.

**Product Documents, Patent Markings, Trademarks, & Safety Information:**

Refer to website for availability to download or contact your local office:  
[www.takara-bio.co.jp](http://www.takara-bio.co.jp) (Japanese)  
[www.takarabio.com](http://www.takarabio.com) (English)

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