

Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Number	Product Name	Product Number	Product Name
Y010	Anti VIP (Human, Porcine) Serum	Y292	Anti Chromogranin A (343-360) (Rat) Serum
Y020	Anti PHI (Human) Serum	Y293	Anti Chromogranin A (344-374) (Human) Serum
Y021	Anti PHI (13-27) (Human) Serum	Y294	Anti Chromogranin A (1-28) (Rat) Serum
Y022	Anti PHI (Rat) Serum	Y300	Anti α -Endorphin Serum
Y030	Anti Secretin (Human) Serum	Y310	Anti Pro-LH-RH (1-26) (Human) Serum
Y031	Anti Secretin (Porcine)Serum	Y311	Anti Gonadotropin-Releasing Hormone-Associated Peptide(GAP) (34-56) (Human) Serum
Y032	Anti Secretin (Rat)Serum	Y312	Anti Gonadotropin-Releasing Hormone-Associated Peptide(GAP) (28-56) (Rat) Serum
Y040	Anti PACAP 38 (Human) Serum	Y320	Anti GLP-1 (7-36)-NH ₂ Serum
Y041	Anti PACAP38 (22-38)(Human) Serum	Y321	Anti GLP-2 (14-33)(Rat) Serum
Y042	Anti PACAP 38 (1-15)(Human) Serum	Y322	Anti GLP-2 (Rat) Serum
Y050	Anti PACAP27(Human) Serum	Y323	Anti GLP-2 (Mouse) Serum
Y051	Anti PACAP27(13-27)(Human) Serum	Y324	Anti Glicentin (1-32) (Rat) Serum
Y060	Anti NPY (Human, Mouse, Rat) Serum	Y330	Anti Atrial Natriuretic Peptide(ANP) (Mouse, Rat) Serum
Y061	Anti NPY (1-19) (Human, Mouse, Rat) Serum	Y340	Anti Calcitonin Gene-Related peptide (α -CGRP) (Mouse, Rat) Serum
Y070	Anti Peptide YY (PYY) (Porcine, Rat) Serum	Y350	Anti ACTH (Mouse, Rat) Serum
Y072	Anti Peptide YY (PYY) (Human) Serum	Y351	Anti ACTH (21-39)(Mouse, Rat) Serum
Y080	Anti Pancreatic Polypeptide (PP)(18-36) (Human) Serum	Y352	Anti ACTH (1-23)(Mouse, Rat) Serum
Y090	Anti Pancreastatin (33-51) (Rat) Serum	Y360	Anti Urocortin (3-40)(Mouse, Rat) Serum
Y100	Anti GIP(1-30)-OH (Porcine) Serum	Y361	Anti Urocortin (Mouse, Rat) Serum
Y102	Anti GIP (Rat) Serum	Y362	Anti Urocortin 1 (Mouse, Rat) Serum
Y103	Anti GIP (18-42) (Rat) Serum	Y363	Anti Urocortin 2 (Mouse) Serum
Y110	Anti Gastrin 34 (1-15) (Human) Serum	Y364	Anti Urocortin 3 (Mouse) Serum
Y120	Anti Motilin (Dog) Serum	Y365	Anti Urocortin 2 (Rat) Serum
Y121	Anti Motilin (Human, Porcine) Serum	Y380	Anti Luminal Cholecystokinin-Releasing Factor (LCRF) (Rat) Serum
Y130	Anti Neurotensin Serum	Y390	Anti GRF/GH-RH (Rat) Serum
Y140	Anti Met-Enkephalin-Arg6-Gly7-Leu8 Serum	Y400	Anti Na+Channel II (467-485) (Rat) Serum
Y150	Anti Substance P Serum	Y410	Anti Angiostatin (128-141) (Mouse) Serum
Y160	Anti GRP (Porcine) Serum	Y411	Anti Angiostatin (285-294) (Mouse) Serum
Y180	Anti Galanin (Porcine) Serum	Y420	Anti PTH (1-34)-NH ₂ (Rat) Serum
Y182	Anti Galanin (1-15) Serum	Y421	Anti PTH (1-15)(Mouse, Rat) Serum
Y183	Anti Galanin (15-29) (Rat) Serum	Y430	Anti Nociceptin/Orphanin FQ Serum
Y184	Anti Galanin (9-30)(Human) Serum	Y440	Anti Humanin Serum
Y185	Anti Preprogalanin (89-124) (Rat) Serum	Y441	Anti Rattin-24 Serum
Y186	Anti Galanin (20-29) (Rat) Serum	Y450	Anti Orexin A Serum
Y190	Anti Preprorenin (21-64) (Human) Serum	Y451	Anti Orexin B (Mouse, Rat) Serum
Y191	Anti Preprorenin (265-294) (Human) Serum	Y460	Anti Obestatin (Mouse, Rat) Serum
Y192	Anti Preprorenin (314-337) (Human) Serum	Y461	Anti Obestatin (Human) Serum
Y201	Anti PTHrP (1-34)-NH ₂ Serum	Y470	Anti Carassius RFamide Serum
Y202	Anti PTHrP (15-34)-NH ₂ Serum	Y480	Anti PSA (53-92) (Human) Serum
Y210	Anti CRF (24-41)(Human, Mouse, Rat) Serum	YA010	Anti Amyloid β Protein (1-40) (Human) Serum
Y211	Anti CRF (3-41)(Human, Mouse, Rat) Serum	YC010	Anti IL-1 α (Rat) Serum
Y220	Anti C-Peptide II (Rat) Serum	YC020	Anti IL-1 β (Rat) Serum
Y221	Anti C-Peptide I (Rat) Serum	YC030	Anti TNF- α (Rat) Serum
Y222	Anti C-Peptide I (Mouse) Serum	YC040	Anti Leptin (Rat) Serum
Y223	Anti C-Peptide II (Mouse) Serum	YP010	Anti LH-RH Serum
Y230	Anti EGF (Human) Serum	YP020	Anti Somatostatin Serum
Y231	Anti EGF (Rat) Serum	YP030	Anti CCK-8 Serum
Y240	Anti TGF- α (Human) Serum	YP040	Anti Total Glucagon Serum
Y241	Anti TGF- β 1 (Human) Serum	YP050	Anti NO Synthase I (998-1024) (Human) Serum
Y250	Anti basic FGF (Human) Serum	YP051	Anti NO Synthase II (77-105) (Rat) Serum
Y251	Anti basic FGF (1-9) (Human) Serum	YP060	Anti ATP Receptor: P2X4 (370-388) (Rat) Serum
Y260	Anti acidic FGF (1-15) (Bovine) Serum	YP070	Anti G-Protein: G α olf (23-38) (Human, Mouse, Rat) Serum
Y280	Anti Retinoblastoma (RB) Protein (901-928) (Human) Serum	YP071	Anti G-Protein: G α i3 (105-127) (Human) Serum
Y290	Anti Chromogranin A (359-389) (Rat) Serum	YP080	Anti S100 β (41-60)(Human, Mouse, Rat) Serum
Y291	Anti Chromogranin A (94-130) (Rat) Serum	YP081	Anti S100 β (74-92)(Human, Mouse) Serum

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2. HAZARDS IDENTIFICATION

GHS Classification: None
Signal Word Warning
Pictogram: None
Caution: Avoid contact and inhalation. May cause eye and skin irritation.

3. COMPOSITION, INFORMATION ON INGREDIENTS

Antibody Category	CAS Number	Host
Rabbit Antiserum	None	Rabbit

The product vial contains 50 μ L of the titled antiserum obtained by lyophilizing its solution in 0.001 M phosphate buffer (pH 7.0, 0.5 mL).

4. FIRST AID MEASURES

Inhalation: Immediately remove victim to fresh air. Consult a physician if necessary.
Eye contact: Immediately flush eyes with flooding amounts of running water for at least 15 minutes. Consult a physician if necessary.
Skin contact: In case of contact, wash skin with soap and water.
Ingestion: If swallowed and person is conscious, rinse mouth and give large quantities of water. Immediately seek medical attention.

5. FIRE FIGHTING MEASURES

Flash Point: Nonflammable
Auto ignition Temperature: Data not available.
Fire Extinguishing Media: Water spray, dry chemical powder, foam, or carbon dioxide.
Firefighting: Wear protective clothing and self-contained breathing apparatus to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Methods for Clean up: In case of spill of liquid material, take up or cover spilled material with ashes or other incombustible absorbents, and put in a container to be sealed. After completely picked up, dispose. In case of spill of solid or powder material, prevent causing dust, sweep and collect, and put in a container to be sealed. Wash the spill site with water.

7. HANDLING AND STORAGE

The product will be stable for over one year if it be stored at -20°C to -80°C until opened. Upon reconstitution, the antiserum solution must be stored at 2°C to 8°C and used within one month. Reconstituted antiserum solution can also be aliquotted and stored at -20°C to -80°C for six months without marked loss of activity. Repeated freezing- thawing should be avoided.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls: Maintain adequate ventilation, eyewash and quick-drench facilities in work area.
Personal Protective Equipment: Lab coat, chemical resistant gloves and chemical safety glasses.
Occupational Exposure Limits: Data not available.
Others: Wash hands thoroughly after handling materials.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	White powder.
Odor:	Odorless.
Boiling Point:	Data not available.
Melting Point:	Data not available.
Volatile Organic Compound:	Data not available.
Solubility in water:	Readily miscible in water.

10. STABILITY AND REACTIVITY

Stability: Stable.
Conditions to avoid: Strong oxidizing agents

11. TOXICOLOGICAL INFORMATION

May cause skin irritation.
May be toxic if absorbed through skin or ingested. May cause eye irritation.

12. ECOLOGICAL INFORMATION

Information as the mixture is not available.

13. DISPOSAL CONSIDERATIONS

Dispose of all waste material including containers in accordance with all applicable laws and local environmental regulations.

14. TRANSPORT INFORMATION

IATA: This substance is considered non-hazardous for air transport.

15. REGULATORY INFORMATION

EU Regulation/Classification/Labeling Information: Not available for this product.

16. OTHER INFORMATION

This product is sold only for research use by personnel familiar with chemicals and who are well trained in good laboratory habits, such as avoiding spills, keeping hands clean at all times and not rubbing eyes with hands while working in the laboratory. This product is only for use in life sciences research. No other use is intended, and any other use may involve substantive hazards.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide for experienced personnel. Yanaihara Institute Inc., shall not be held liable for any damage resulting from the handling of or from contact with the above product. The burden of safe use of this material rests entirely with the user.
