

1: Identification of the Preparation and Company Name

Product Name:	Rat and Mouse AMH ELISA
Part Number:	AL-113
Manufacturer:	Ansh Labs 445 Medical Center Blvd Webster, TX 77598 U.S.A.
Emergency Telephone Number:	281.404.0260

2: Composition of Kit Components

Component	Part Number	Quantity	Main Ingredients
AMH/MIS Calibrator A/Sample Diluent (0 ng/mL)	CAL-105A	11 mL	Protein based buffer with Pro-Clean 400 (0.05%)
Rat and Mouse AMH Calibrator H (Lyophilized)	CAL-113H	1 Vial	Protein based buffer with Pro-Clean 400 (0.05%)
AMH Coated Microtitration Strips	PLT-113	1 Each	Antibody Coated Polystyrene Plate
AMH Assay Buffer	ASB-113	8 mL	Protein Based Buffer
AMH Biotin Conjugate Ready-To-Use (RTU)	BCR-113	12 mL	Protein Based Buffer
AMH Streptavidin-Enzyme Conjugate-Ready-to-Use (RTU)	SAR-113	12 mL	Protein Based Buffer
Stopping Solution	STP-100	11 mL	0.2 M Sulfuric Acid
TMB Chromogen Solution	TMB-100	11 mL	Buffer with trace amounts of DMSO and hydrogen peroxide
Wash Concentrate A	WSH-100	60 mL	Buffer with a nonionic detergent
Instruction for Use	IFU.AL.113	1 Each	NA

3: Hazards Identification

A: Potential Biohazard

The Calibrators and Controls are formulated with a buffer base and Rat antigen. Bovine serum has been derived from US origin and processed in USDA licensed facilities, and are free from known infections, however, it should be considered that no available test method can offer complete assurance of eliminating potential bio-hazardous risk.

Bovine products (BSA) have been derived from US origin and processed in USDA licensed facilities, and are free from known infections, however, it should be considered that no available test method can offer complete assurance of eliminating potential bio-hazardous risk. The antibodies are from monoclonal origin and are free from human or animal source.

B: Chemical Hazard

Some of the buffer formulations may contain sodium azide (0.09%). Concentrated Sodium Azide may react with copper and lead plumbing to form explosive metal azides. May react with acids to form explosive hydrazoic acid. If drain disposed, flush with large amounts of water to prevent azide build-up.

The TMB Chromogenic Substrate containing TMB is formulated with DMSO, an irritant and mucous membranes. In case of contact with any of these reagents, wash thoroughly with water. TMB is a suspected carcinogen.

Stop Solution is an acidic and corrosive agent. Avoid contact with skin. Mentioned reagents have been formulated to a non-hazardous concentration and it is not necessary labelling as dangerous components.

4: First Aid

A: Skin Contact

Remove contaminated clothing and wash the exposed skin area thoroughly with soap and water.

B: Eye Contact

Flush with copious amounts of water for at least 15 minutes. Seek medical attention.

C: Inhalation

Remove to fresh air, give oxygen if breathing becomes difficult and seek medical attention.

D: Ingestion

Flush mouth with copious amounts of water, provided that the person is conscious and seek medical attention.

5: Measures in Case of Fire

A: Suitable Extinguishing Media

Chemical or water fire extinguisher.

B: Extinguishing Media Not to be Used

None known.

C: Special Fire Fighting Procedures

None known.

D: Unusual Fire and Explosion Hazards

N/A

E: NFPA Rating

Health: 2

Flammability: 0

Reactivity: 1

6: MEASURES IN CASE OF ACCIDENTAL SPILL**A: Body Precautions**

Wear rubber gloves, impermeable shoe covers and long laboratory coat.

B: Environmental Precautions

Contain the spill to the smallest area possible.

C: Cleaning Measures:

None known.

D: Unusual Fire and Explosion Hazards

Take care not to contaminate body. Absorb the material with disposable towels. Soak area with a 10% bleach solution and wipe up with disposable towels. Dispose of all contaminated trash in accordance with local regulations.

7: MANIPULATION AND STORAGE**A: Manipulation**

Wear suitable personal protective equipment. Take care not to splash spill or splatter reagents. Do not eat, drink, smoke or apply cosmetics in laboratory areas. Do not pipette samples or reagents by mouth.

B: Storage

Store the test kits in 2 – 8°C refrigerators as designated and labelled to contain human blood products.

8: EXPOSURE CONTROLS / PERSONAL PROTECTION**A: Body protection**

Wear long laboratory coat.

B: Respiratory Protection

In case of fire, wear self-contained breathing apparatus.

C: Hand Protection

Wear non-permeable rubber, neoprene, latex or nitrile disposable gloves. Change gloves when they become

contaminated.

D: Eyes Protection

Wear safety glasses or goggles when a splash hazard exists.

9: ECOLOGICAL EFFECTS

None known.

10: DISPOSAL REQUIREMENTS

A: Disposal of Preparation Left

Dispose according to current regional and national rules.

B: Contaminated Containers

Dispose of following current regulations.

11: TRANSPORTATION INFORMATION (Due to the sulfuric acid preparation in the kit)

A: Road / Railway Haulage ADR/RID

Class 8, Corrosive, limited quantity of material, accepted package.

B: Sea Freight IMO (IMDG)

Class 8, Corrosive, limited quantity of material, accepted package.

C: Air Freight IATA (ICAO)

Class 8, Corrosive, limited quantity of material, accepted package.

D: UN Number

2796

12: INFORMATION ON REGULATION

A: Classification

This preparation is classified and labelled in accordance with applicable national and international regulations.

B: Symbols of Danger

N/A

C: "R" Phrases Indicating Specific Risks

Irritant: R36/37/38, Irritating to the eyes, respiratory system and skin.

D: "S" Phrases Indicating Caution

S26, In case of contact with any reagents rinse with copious amounts of water for at least 15 minutes. If irritation persists, seek medical attention. S36, Wear suitable protective clothing.

13: OTHER INFORMATION**Recommended Use**

For research or clinical investigational use only.

Not for use on or in human and animals. Information contained in this MSDS relies upon our best knowledge of the product upon issue of this document to describe the use, storage, transport and disposal under safe and secure measures. Such information is not a guarantee of the characteristics and specific quality of the product. This MSDS concerns the stated preparation and cannot apply to the product if used with other materials or in a process other than those specifically stated.