

MATERIAL SAFETY DATA SHEET (MSDS) SANBS ANTISERA REAGENTS



1. Identification of the substance/preparation and company

Antisera reagents for in-vitro diagnostic use only:

15016	Low Ionic Reagent
78015	Anti-Human Globulin Polyspecific
78461	Anti-D Saline tube & slide monoclonal 5ml
78467	Anti-D IgM+ IgG blend monoclonal 5ml
78482	Lyophilized Bromelain tube & microwell 5ml
78529	Anti-A Monoclonal 15ml
78530	Anti-B Monoclonal 15ml
78531	Anti-A,B Monoclonal 15ml

REAGENTS LABORATORY

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2. Composition/information on ingredients

Sourced Monoclonal antisera containing dissolved Sodium Azide (0.1%).

3. Hazards identification

SANBS Antisera Reagents contain Sodium Azide which is highly toxic. It is toxic by ingestion, inhalation. SANBS Antisera Reagents contain Sodium Azide which is highly toxic by ingestion, skin absorption and inhalation. Symptoms include lowered blood pressure, headache, hypothermia and in case of serious overexposure, convulsions and death. Sodium azide has not been found to be carcinogenic in humans. Treat reagents as potentially infectious. Reagents do have the potential to transmit any biological agent that has not been detected routinely during the screening process. Take care with the use of and disposal of this product.

- **General advice:** In the event of inhalation, move the person into fresh air. If the person is not breathing, administer artificial respiration. Consult a doctor and show this material safety data sheet to the doctor.

4. First aid measures

- **General advice:**
 - Consult a physician. Show this safety data sheet to the doctor in attendance.
 - Move out of dangerous area.
 - If inhaled/breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
- **In case of skin contact:** Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.
- **In case of eye contact:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
- **If swallowed:** Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5. Firefighting measures

Not flammable or combustible.

If involved in fire use extinguishing media appropriate to the surrounding conditions.

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6. Accidental release measures

- **Personal precautions:** Wear personal protective equipment. Laboratory coat and gloves. Avoid breathing vapours, mist or gas. Ensure adequate ventilation when in use.
- **Environmental precautions:** This product is not to enter drains as discharge into the environment is to be avoided. Discard any soiled items into the biohazardous waste containers.

7. Handling and storage

- **Precautions for safe handling:** Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.
- **Conditions for safe storage:** Keep container tightly closed in a dry and well-ventilated place. Keep in a dry place.

8. Exposure controls/personal protection

When handling product wear laboratory coat and disposable gloves.

9. Physical and chemical properties

Anti-A	Blue
Anti-B	Yellow
Anti-A,B	Clear
Anti-D tube and slide	Clear
Anti-D Blend	Clear
AHG	Green
Low Ionic Reagent	Straw color
Lyophilized Bromelain	Purple

10. Stability and reactivity

- Do not freeze.
- Protec from extreme temperatures.
- Do not use if there are particles in the reagent or if it is turbid.

11. Toxicological information

Sodium azide is toxic but the concentration in the reagents is 0.1% and PPE as specified in point 6, offers suitable protection.

12. Ecological Information

Studies showed that 10 parts per million in the soil, kills or degrades the seeds of many plants. At 200 ppm, sodium azide not only sterilizes the soil, killing soil bacteria and fungi, but also changes soil chemistry.

13. Disposal Considerations

Dispose of accordance with Hazardous Waste regulations and any additional local regulations.

14. Transport Information

Suitable for transportation by road, rail, sea and air.

15. Regulatory information

For use in-vitro diagnostic tests by appropriately trained laboratory personnel.

16. Other information

The information in this safety data sheet does not replace the users own assessment of work place risk as required by other health and safety legislation.

References and additional information:

- MSDS-ABO Reagents
- MSDS-Anti-D
- MSDS-Anti Human Globulin
- MSDS- LISS Reagent
- MSDS- Bromelain
- MSDS- Sodium Azide

Revision Summary

VERSION NUMBER	REVISION DETAILS
0	<ul style="list-style-type: none">• New MSDS loaded for product produced by Reagents Laboratory.