

SAFETY DATA SHEET

Section 1. Identification

Product Name SeroFlash SARS-CoV-2 IgM/IgG Antibody Detection Kit
Product No. D-1001
Supplier Epigentek Group Inc.
110 Bi County Blvd. Ste 122
Farmingdale, NY 11735

In case of Emergency, call 911. For information about this SDS, please contact the manufacturer's technical support line at 1-631-755-0888.

Section 2. Hazard Identification



Effects of Acute Exposure:

Skin Contact:	May cause irritation.
Eye Contact:	May cause irritation.
Ingestion:	May be harmful if ingested.
Inhalation:	May cause irritation to mucous membranes and upper respiratory tract.
Effects of Chronic Exposure:	Not available.
Sensitization To Product:	Not available.
Synergistic Products:	Not available.
LD50: MOPSO:	Not available.

Section 3. Composition, Information on Ingredients

- **Test Card:** Consists of a plastic card and a test strip. The test strip consists of a nitrocellulose membrane (detection area is coated with mouse anti-human IgG and mouse anti-human IgM antibody, and the control area is coated with rabbit anti-chicken IgY), a binding pad (sprayed with colloidal gold-labeled recombinant SARS-CoV-2 antigen and chicken IgY), a sample pad, absorbent paper, and a PVC soleplate.
- **Buffer Solution:** Liquid containing phosphate buffer solution (pH6.5-8.0).
- **Desiccant:** A bag containing silica.

Section 4. First Aid Measures

Inhalation: If inhaled move victim to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen and call a physician.

Ingestion: If ingested drink plenty of fluids and call a physician.

Skin Contact: Immediately flush area with plenty of water.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 mins and seek medical attention.

Section 5. Fire Fight Measures

Fire: Not considered to be a fire hazard.

Explosion: Not considered to be an explosion hazard.

Fire Extinguishing Media: As appropriate for fire in surrounding materials.

Special Information: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

Section 6. Accident Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Absorb small leaks or spills with sponge, mop up large spills with plenty of soap and water.

Other precautions: Avoid contact and inhalation; do not get in eyes, on skin or clothing. Do not pipet by mouth. Wash contaminated clothing before reuse

Section 7. Handling and Storage

Handling: Normal precautions for handling chemicals must be observed.

Storage: Store the test kit at 2°C -30°C, with a valid period of 12 months. Test strip should be used within 20 minutes once the foil pouch is opened. The date of manufacture and expiry date are shown on the label.

Shipping regulations: Not regulated.

Section 8. Exposure Control and Personal Protection

Engineering Controls: Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

Eye: Wear safety glasses and chemical goggles if splashing is possible.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to minimize contact with skin.

Respirators: None normally required.

Section 9. Physical and Chemical Properties

Physical State: Divided into two parts: detection card (solid) and buffer (liquid).

Appearance: Buffer is clear or light yellow liquid reagent.

Solubility:	Not Applicable.
Density:	Not Available.
pH:	Not Available.
% Volatiles by vol. @ 21°C:	Not Available.
Boiling Point:	Not Available.
Melting Point:	No information found.
Vapor Density (Air=1):	No information found.
Vapor Pressure (mm Hg):	No information found.
Evaporation Rate (BuAc=1):	No information found.

Section 10. Stability and Reactivity

Stability:	Stable for 12 months under ordinary conditions of use & storage.
Hazardous Decomposition Products:	Not Available.
Hazardous Polymerization:	Will not occur.
Incompatibilities:	Not Available.

Section 11. Toxicological Information

Refer to Section 3.

Section 12. Ecological Information

No information available.

Section 13. Disposal Considerations

Waste disposal: Dilute liquid waste with large volumes of water and dispose into sewer system in accordance with local regulations. Dispose of solid waste in accordance with federal, state, provincial, and local regulations.

Section 14. Transport Information

No information available.

Section 15. Regulatory Information

Not applicable.

Section 16. Other Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.