

Material Safety Data Sheet / Sicherheitsdatenblatt

In compliance with the requirements of 1907/2006/EG



Creation March 2020
MSDS

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: MP Rapid 2019-nCoV IgG/IgM Combo Test Card

Catalog Number: 07RDCOV19

CAS#: None

Manufacturer / Supplier

Company MP Biomedicals Germany GmbH
Thüringer Straße 15
37269 Eschwege
Tel.-Nr.: +49 / (0)5651 / 921 204

2. COMPOSITION AND INFORMATION ON INGREDIENTS

Component	Chemical and Common Name
Striped Membrane	Cellulose Nitrate, (Collodion) Pyroxylin, Proxylin Plastics
Conjugate Pad	Borosilicate Glass Fiber with PVA Binder
Antigen Conjugate for Membrane	Mouse anti-human IgM and human IgG antibodies
Multiple Monoclonal Antibody/Gold Conjugate	Colloidal Gold-2019-nCoV antigen Conjugate

3. HAZARDS IDENTIFICATION

Primary Route of Entry: Skin absorption

Health Hazard: Acute: Maybe harmful if ingested or absorbed through skin.

Chronic: Unknown

4. FIRST AID MEASURES

In case of skin contact: Wash skin with water.

In case of ingestion: Wash mouth with water. If irritation or discomfort occurs, seek medical attention.

5. FIRE AND EXPLOSION DATA

	Flaming point	Unusual Fire & Explosion Hazards
Strip Membrane	200°C	None Known

Cellulose Nitrate membranes are classified as a flammable solid and burn rapidly with intense heat. Extinguish media: Burning membrane can be extinguished by use of water, dry chemical or CO2 type extinguishers. Water is the most effective. Care must be taken not to have the force of the extinguisher cause membrane to scatter.

6. ACCIDENTAL RELEASE MEASURES

If spill occurs: wear a respirator, chemical safety goggles, rubber boots, and heavy rubber gloves. Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill spite after material pickup is complete.

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7. HANDLING AND STORAGE

Store at room temperature, desiccated to maintain efficacy. Handle using normal laboratory procedures and protective gloves required.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Safety shower and Eye bath. Wash thoroughly after handling. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. Compatible chemical-resistant gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Solid.

10. STABILITY AND REACTIVITY

Stability: Stable

Incompatibilities: Nitrocellulose membrane will dissolve in amines esters, ketones and ether-alcohols and may react with strong acids or alkalies. Decomposition is rapid at 170°C in air.

Hazardous Polymerization: Direct sunlight has a moderate effect on the polymerization of nitrocellulose membrane. Over many years Over many years' cellulose nitrate will polymerize as evidenced by becoming brown. Increased ploymerizaiton reduces the flash point. The product containing nitrocellulose membrane should be stored at room temperature out of direct sunlight and away from excessive heat, fire or flame.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: Maybe harmful if ingested or absorbed through skin.

Chronic toxicity: Unknown

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Comply with federal, state and local regulations.

14. TRANSPORT INFORMATION

The product is not classified as dangerous for transport according to Intenational Regulations. The product is primarily a mixture of striped membrane, conjugate pad, antigen conjugate for membrane and colloidal gold-antigen conjugate and is not classified as explosive, oxidizing, toxic, infectious, radioactive, corrosive or magnetic. So according to IATA and IMDG code, it is proved not to be dangerous for air and sea transport.

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15. REGULATORY INFORMATION

European Information: Caution: Substance not yet fully tested. Irritant R 36/37/38.
Irritating to eyes, respiratory system, and skin. S 26
In case of contact with eyes, rinse immediately with plenty of water and seek
medical advice. S 36
Wear suitable protective clothing

16. OTHER INFORMATION

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