

# Material Safety Data Sheet



According to Regulation (EC) No. 1907/2006  
and (EC) No. 1272/2008

Creation November 2020  
Version 01

## Rapid SARS-CoV-2 Antigen Test Card

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### Section 1: Chemical Product and Company Identification

<b>Product Name:</b> Rapid SARS-CoV-2 Antigen Test Card	<b>Contact Information:</b> <b>MP Biomedicals Germany GmbH</b> Thueringer Strasse 15 37269 Eschwege Tel: +49/ (0)5651 / 921 204 Fax: +49/ (0)5651 / 921 181
<b>Catalog Number:</b> 07AG6020B	<b>Emergency telephone number:</b> Berlin: 030 / 19240 Nord (Göttingen): 0551 / 19240 Mainz: 06131 / 19240 München: 089 / 19240

### Section 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
Multiple Monoclonal Antibody Conjugate for Membrane	Mouse anti-SARS-CoV-2 antibodies
Antibody/Gold Conjugate	Colloidal Gold-anti-SARS-CoV-2 antibodies Conjugate

### Section 3: Hazards Identification

<b>Primary Route of Entry:</b> Skin absorption
<b>Health Harzard:</b> Acute: Maybe harmful if ingested or absorbed through skin. Chronic: Unknown

### Section 4: First Aid Measures

<b>Skin Contact:</b> Wash skin with water.
<b>Ingestion:</b> Wash mouth with water. If irritation or discomfort occurs, seek medical attention.

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### Section 5: Fire and Explosion Data

	Flashing 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 CO<sub>2</sub> type extinguishers. Water is the most effective. Care must be taken not to allow the force of the extinguisher to cause the membrane to scatter.

### Section 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 site after material pickup is complete.

### Section 7: Handling and Storage

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

### Section 8: Exposure Controls/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.

### Section 9: Physical and Chemical Properties

Appearance and Odor: Solid.

### Section 10: Stability and Reactivity Data

**Stability:** Stable  
**Incompatibilities:** Nitrocellulose membrane will dissolve in amines esters, ketones and ether-alcohols and may react with strong acids or alkalis. 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 cellulose nitrate will polymerize as evidenced by becoming brown. Increased polymerization 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.

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### Section 11: Toxicological Information

Acute: May be harmful if ingested or absorbed through skin.

Chronic: Unknown

### Section 12: Ecological Information

Data not yet available.

### Section 13: Disposal Considerations

Comply with federal, state and local regulations.

### Section 14: Transport Information

The product is not classified as dangerous for transport according to International 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. According to IATA and IMDG code, it is proved not to be dangerous for air and sea transport.

### Section 15: Other 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.

### Section 16: Other Information

#### Created: 2020-09-21

The information above is believed to be accurate and represents the best information currently available to us. However, we make no 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 event shall MP Biomedicals Germany GmbH 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 MP Biomedicals Germany GmbH has been advised of the possibility of such damages.