

# MATERIAL SAFETY DATA SHEET

IgM/IgG antibody detection kit for novel coronavirus (2019-nCov) (colloidal gold immunochromatography)

Page: 1  
Revision Date: 16/03/2020  
MSDS Number: SDS202003162665  
Version: 1.0

## 1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY/UNDERTAKING

### Product identifier

Product name : IgM/IgG antibody detection kit for novel coronavirus (2019-nCov) (colloidal gold immunochromatography)

### Recommended use of the chemical and restrictions on use

Identified use : For *in vitro* diagnostic use only

### Details of the supplier of the safety data sheet

Shanghai Outdo Biotech Co.Ltd.  
Building 5, No.151 Libing Road,  
Pudong District, Shanghai, 201203,  
China.

### Emergency telephone number

Tel: +86-13952516036, or contact your local emergency telephone number.

### Product Information

Tel: +86-13952516036  
E-mail: chenxi@shbiochip.com

## 2. HAZARDS IDENTIFICATION

### Emergency Overview

This product is not considered as hazardous according to China GB standards(GB30000-2013).

### GHS-Classification- China standards(GB30000-2013)

This product is not considered as hazardous according to China GB standards(GB30000-2013).

### GHS-Labeling- China standards(GB30000-2013)

Hazard pictograms : Not applicable

Signal word : Not applicable

Hazard statements : Not applicable

Precautionary statements : **Prevention:**  
P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P103 Read label before use.

**Response:**  
Not applicable

**Storage:**  
Not applicable



Shanghai Ruifu Co., Ltd. did not test, certify, or approve the product described in this Material Safety Data Sheet (MSDS), and all information in this MSDS was provided by the supplier or was reproduced from publically available regulatory data sources. Shanghai Ruifu Co., Ltd. makes no representations or warranties regarding the completeness or accuracy of the information in this MSDS and disclaims all liability in connection with the use of this information or the product described in this MSDS.- www.msds-china.com

# MATERIAL SAFETY DATA SHEET

IgM/IgG antibody detection kit for novel coronavirus  
(2019-nCov) (colloidal gold immunochromatography)

Page: 2  
Revision Date: 16/03/2020  
MSDS Number: SDS202003162665  
Version: 1.0

**Disposal:**  
Not applicable

## Physical and chemical hazards

Not classified based on available information.

## Health hazards

Not classified based on available information.

## Environmental hazards

Not classified based on available information.

## Other hazards which do not result in classification

No data available.

---

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Product type : Mixture

### Hazardous components

This product does not contain any hazardous components required to reporting in this section according to relevant regulations.

---

## 4. FIRST AID MEASURES

- General advice : Show this safety data sheet to the doctor in attendance.
- If inhaled : Not required under normal conditions of use.  
Move to fresh air.  
If unconscious place in recovery position and seek medical advice.  
If symptoms persist, call a physician.
- In case of skin contact : Not required under normal conditions of use.  
Wash off with soap and plenty of water.  
Consult a physician.
- In case of eye contact : Not required under normal conditions of use.  
Flush eyes with water as a precaution.  
Remove contact lenses.  
Protect unharmed eye.  
If symptoms persist, call a physician.
- If swallowed : Not required under normal conditions of use.



Shanghai RuiFu Co., Ltd. did not test, certify, or approve the product described in this Material Safety Data Sheet (MSDS), and all information in this MSDS was provided by the supplier or was reproduced from publically available regulatory data sources. Shanghai RuiFu Co., Ltd. makes no representations or warranties regarding the completeness or accuracy of the information in this MSDS and disclaims all liability in connection with the use of this information or the product described in this MSDS.- [www.msds-china.com](http://www.msds-china.com)

# MATERIAL SAFETY DATA SHEET

IgM/IgG antibody detection kit for novel coronavirus  
(2019-nCov) (colloidal gold immunochromatography)

Page: 3  
Revision Date: 16/03/2020  
MSDS Number: SDS202003162665  
Version: 1.0

Rinse mouth with water.  
If symptoms persist, call a physician.

## Notes to physician

Symptoms : We have no description of any toxic symptoms.  
Treatment : Treat symptomatically.

---

## 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media : For this product no limitations of extinguishing agents are given.

Specific hazards during firefighting : Combustible. Development of hazardous combustion gases or vapors possible in the event of fire.

Special protective equipment for firefighters : Stay in danger area only with self-contained breathing apparatus  
Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing.

Further information : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

---

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Do not breathe vapors, aerosols. Ensure adequate ventilation.  
Evacuate the danger area, observe emergency procedures, consult an expert.  
For personal protection see section 8.

Environmental precautions : Prevent product from entering soil, drains and waterways.

Methods for cleaning up : Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up carefully with liquid-absorbent material. Clean up affected area. Keep in suitable, closed containers for disposal.

Additional advice : Comply with all applicable national and local regulations.



Shanghai Ruifu Co., Ltd. did not test, certify, or approve the product described in this Material Safety Data Sheet (MSDS), and all information in this MSDS was provided by the supplier or was reproduced from publically available regulatory data sources. Shanghai Ruifu Co., Ltd. makes no representations or warranties regarding the completeness or accuracy of the information in this MSDS and disclaims all liability in connection with the use of this information or the product described in this MSDS. - www.msds-china.com

# MATERIAL SAFETY DATA SHEET

IgM/IgG antibody detection kit for novel coronavirus (2019-nCov) (colloidal gold immunochromatography)

Page: 4  
Revision Date: 16/03/2020  
MSDS Number: SDS202003162665  
Version: 1.0

## 7. HANDLING AND STORAGE

### Handling

Advice on safe handling : Work under hood or special environment.  
Do not inhale reagents.  
Avoid generation of vapors/aerosols.  
For personal protection see section 8.  
Dispose of rinse water in accordance with local and national regulations.

Advice on protection against fire and explosion : Normal fire protective measure.

### Storage

Requirements for storage areas and containers : Tightly closed. Keep in a well-ventilated place. Keep locked up or in an area accessible only to qualified or authorized persons.  
Store in according to instruction.

Materials to avoid : None known.

Other data : Hazardous decomposition products formed under fire conditions.  
- Carbon oxides.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Components with workplace control parameters

Contains no ingredient with known occupational exposure limit.

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
				GBZ 2.1-2007

### Engineering measures

Technical measures and appropriate working operations should be given priority over the use of personal protective equipment.

### Personal protective equipment

Respiratory protection : Respiratory protection is required when vapors/aerosols are generated.

Hand protection : Protective gloves.

Eye protection : Safety glasses.



Shanghai Ruifu Co., Ltd. did not test, certify, or approve the product described in this Material Safety Data Sheet (MSDS), and all information in this MSDS was provided by the supplier or was reproduced from publically available regulatory data sources. Shanghai Ruifu Co., Ltd. makes no representations or warranties regarding the completeness or accuracy of the information in this MSDS and disclaims all liability in connection with the use of this information or the product described in this MSDS.- www.msds-china.com

# MATERIAL SAFETY DATA SHEET

IgM/IgG antibody detection kit for novel coronavirus  
(2019-nCov) (colloidal gold immunochromatography)

Page: 5  
Revision Date: 16/03/2020  
MSDS Number: SDS202003162665  
Version: 1.0

Skin and body protection : Protective clothing.

Hygiene measures : Immediately change contaminated clothing.  
Wash hands before breaks and at the end of workday.  
When using do not eat or drink.

---

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

Physical state/appearance : Diagnostic kit containing 1 bottles of liquid reagent.  
Odour : Slight odour  
Odour Threshold : No data available

### Safety data

Flash point : No data available  
Ignition temperature : No data available  
Lower explosion limit : No data available  
Upper explosion limit : No data available  
Flammability (solid, gas) : No data available  
Oxidizing properties : No data available  
Auto-ignition temperature : No data available  
Decomposition temperature : No data available  
Molecular weight : No data available  
pH : No data available  
Melting point/freezing point : No data available  
Boiling point : No data available  
Sublimation point : No data available  
Vapour pressure : No data available  
Density : No data available  
Bulk density : No data available  
Water solubility : Soluble in water  
Partition coefficient: n-octanol/water : No data available  
Solubility in other solvents : No data available  
Viscosity, dynamic : No data available  
Viscosity, kinematic : No data available  
Flow time : No data available  
Impact sensitivity : No data available  
Relative vapour density : No data available  
Surface tension : No data available  
Evaporation rate : No data available

# MATERIAL SAFETY DATA SHEET

IgM/IgG antibody detection kit for novel coronavirus (2019-nCov) (colloidal gold immunochromatography)

Page: 6  
Revision Date: 16/03/2020  
MSDS Number: SDS202003162665  
Version: 1.0

---

## 10. STABILITY AND REACTIVITY

Hazardous reactions	: Non-reactive under normal use, storage and transport conditions.
Chemical stability	: The product is chemically stable under standard ambient conditions (room temperature).
Conditions to avoid	: Avoid direct sunlight exposure and low or high temperature.
Materials to avoid	: None known.
Hazardous decomposition products	: Hazardous decomposition products formed under fire conditions. - Carbon oxides.

---

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

Not classified based on available information.

### Skin corrosion/irritation

Not classified based on available information.

### Serious eye damage/eye irritation

Not classified based on available information.

### Respiratory or skin sensitisation

#### Skin sensitisation

Not classified based on available information.

#### Respiratory sensitisation

Not classified based on available information.

#### Germ cell mutagenicity

Not classified based on available information.

#### Carcinogenicity

Not classified based on available information.

#### Reproductive toxicity

Not classified based on available information.



# MATERIAL SAFETY DATA SHEET

IgM/IgG antibody detection kit for novel coronavirus  
(2019-nCov) (colloidal gold immunochromatography)

Page: 7  
Revision Date: 16/03/2020  
MSDS Number: SDS202003162665  
Version: 1.0

## STOT - single exposure

Not classified based on available information.

## STOT - repeated exposure

Not classified based on available information.

## Aspiration toxicity

Not classified based on available information.

---

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Ecotoxicology Assessment

Acute aquatic toxicity : Not classified based on available information.

Chronic aquatic toxicity : Not classified based on available information.

### Persistence and degradability

No data available

### Bioaccumulative potential

Partition coefficient: n-  
octanol/water : No data available

### Mobility in soil

No data available

---

## 13. DISPOSAL CONSIDERATIONS

### Disposal methods

General advice : Dispose of in accordance with all applicable local, state and federal regulations.

---

## 14. TRANSPORT INFORMATION

### International transport regulations

#### CHINA ROAD/US DOT(Land transport, JT/T 617-2018)

UN Number: not regulated/non-dangerous goods

Proper Shipping Name: N/A

Hazard classes: N/A

Packaging group: N/A



Shanghai Ruifu Co., Ltd. did not test, certify, or approve the product described in this Material Safety Data Sheet (MSDS), and all information in this MSDS was provided by the supplier or was reproduced from publically available regulatory data sources. Shanghai Ruifu Co., Ltd. makes no representations or warranties regarding the completeness or accuracy of the information in this MSDS and disclaims all liability in connection with the use of this information or the product described in this MSDS.- [www.msds-china.com](http://www.msds-china.com)

# MATERIAL SAFETY DATA SHEET

IgM/IgG antibody detection kit for novel coronavirus  
(2019-nCov) (colloidal gold immunochromatography)

Page: 8  
Revision Date: 16/03/2020  
MSDS Number: SDS202003162665  
Version: 1.0

## INTERNATIONAL MARITIME DANGEROUS GOODS(IMDG, 39-18)

UN Number: not regulated/non-dangerous goods

Proper Shipping Name: N/A

Hazard classes: N/A

Packaging group: N/A

## INTERNATIONAL AIR TRANSPORT ASSOCIATION(IATA, 61th edition)

UN Number: not regulated/non-dangerous goods

Proper Shipping Name: N/A

Hazard classes: N/A

Packaging group: N/A

---

## 15. REGULATORY INFORMATION

Regulations on the Control over Safety of Dangerous Chemicals (Decree No. 591 of the State Council of the People's Republic of China)

General rules for preparation of chemical safety data sheet (GB16483-2008)

Rules for classification and labelling of chemicals(GB30000-2013)

Classification and labels of dangerous chemical substances commonly used (GB13690-2009)

List of dangerous goods (GB12268-2012)

Classification and code of dangerous goods (GB6944-2012)

---

## 16. OTHER INFORMATION

### Further information

Revision Date: 16/03/2020

### Disclaimer:

This MSDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by us to be dependable and is accurate to the best of our knowledge.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. We assumed no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.

**\*\*End of Material Safety Data Sheet\*\*\***



Shanghai Ruifu Co., Ltd. did not test, certify, or approve the product described in this Material Safety Data Sheet (MSDS), and all information in this MSDS was provided by the supplier or was reproduced from publically available regulatory data sources. Shanghai Ruifu Co., Ltd. makes no representations or warranties regarding the completeness or accuracy of the information in this MSDS and disclaims all liability in connection with the use of this information or the product described in this MSDS.- [www.msds-china.com](http://www.msds-china.com)