



SAS™ COVID-19 IgG and IgM Antibody Detection Test Kit

SECTION I: PRODUCT/COMPANY IDENTIFICATION

<u>Cat. No. (s)</u>	<u>Chemical/Common Name</u>	<u>Formula</u>
048025	SAS™ COVID-19 Antibody Test	Mixture

Description

SAS™ COVID-19 IgG and IgM Antibody Detection Test is a rapid, visual assay for the presumptive qualitative detection of COVID-19 antibodies from whole blood or serum samples of symptomatic patients.

The SAS™ COVID-19 IgG and IgM Antibody Detection Test Kits are manufactured by SA Scientific, Ltd.

SA Scientific, Ltd.
4919 Golden Quail
San Antonio, Texas 78240

SDS Coordinator
Telephone Number: (800) 272-2710
Emergency Phone: (800) 272-2710

SECTION II: HAZARDOUS IDENTIFICATION

Product Hazard Classification: Pursuant to OSHA's Hazardous Communications Standard 29 CFR 1910.1200, these products are not considered to contain hazardous materials.

Label elements, including hazard and precautionary statements

Pictogram: None.

Signal word: None.

Health: Minimal risk if used as directed.

Fire: Not considered a fire hazard.

Reactivity: Minimal risk. Reagents do not contain hazardous materials according to WHMIS, EU and OSHA criteria.

Physical Hazards: If not used as directed, it may be harmful if ingested and/or it may cause eye and skin irritation.

Special Hazards: Avoid ingesting reagents, as toxicity has not been determined.

Potential Health Effect Summary

WHMIS criteria: None considered hazardous materials.

EU criteria: None considered hazardous materials.

OSHA criteria: None considered hazardous materials.

Carcinogenicity Summary

ACGIH criteria: None of the ingredients are listed.

NTP criteria: None of the ingredients are listed.

OSHA criteria: None of the ingredients are listed.

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SECTION III: PRODUCT COMPOSITION

Strip contains reagents in dry form (Nitrocellulose membrane, fiberglass pad, antibodies and colloidal gold which contains recombinant protein for SARS-CoV-2(2019-nCoV)).

Extraction Buffer: Buffer contains 0.1% Sodium Azide.

Chemical Name	CAS No.	%
Sodium Azide	26628-22-8	0.1

Kit does not contain chemical mixtures at levels greater than 1.0% of a hazardous compound or 0.1% or more of a carcinogen as per ACGIH, NTP or OSHA criteria.

SECTION IV: FIRST AID MEASURES

After skin contact: Immediately, wash affected area thoroughly with soap and water. Remove contaminated clothing and shoes, if necessary. Seek medical attention, if irritation develops or persists.

After eye contact: Immediately, flush eyes under gently running water for at least 15 minutes, making sure that the eyelids are held open. Seek medical attention, if irritation or redness develops.

After ingestion: Rinse mouth with plenty of water to dilute the substance. Immediate medical attention is required.

After inhalation: Move person into fresh air. Seek medical attention.

SECTION V: FIRE FIGHTING MEASURES

Extinguishing Media: Not combustible. Use extinguishing media suitable for surrounding materials.

Special Fire and Explosion Hazards: May react with lead and copper plumbing to form explosive metal azides. Drains should be flushed thoroughly with water after disposing of buffer to prevent azide buildup.

Hazardous Combustion Products: None

Protective Equipment for Firefighters: Wear self-contained breathing apparatus and full protective gear.

SECTION VI: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid skin and eye contact by wearing appropriate lab personal protective equipment (PPE)

Environmental Precautions: Absorb into inert solid or dilute with a large quantity of water and flush into an approved wastewater treatment system. Use good laboratory practices.

SECTION VII: HANDLING AND STORAGE

Handling Precautions: Use good laboratory practices.

Recommended Storage Conditions: Store at 15°- 30° C to maintain efficacy.

Other Precautions/Special Hazards: Avoid eye and skin contact.

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SECTION VIII: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limits: US OSHA: None established.

ACGIH: None established.

DFG MAK: None established.

Engineering Controls: Use in well ventilated area.

Eye Protection: Safety glasses should be worn to prevent eye contact.

Skin Protection: Impervious gloves should be worn to prevent skin contact.

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

Form: Test strip contains reagents in dry form; extraction buffer is a liquid. **Auto-ignition Temperature:** N/A

Color: Test strip is white; extraction buffer is clear, colorless.

Flash Point: N/A

Odor: Not identified.

Decomposition Temperature: N/A

Boiling Point/Boiling Range: N/A

Viscosity: N/A

Flash Point: N/A

SECTION X: STABILITY AND REACTIVITY

Stability: Stable under normal temperatures and pressures.

Hazardous Incompatibilities: N/A

Hazardous Decomposition: Not available.

SECTION XI: TOXICOLOGICAL INFORMATION

Toxicity Data for Hazardous Ingredients: N/A

Primary Routes of Exposure: Skin or eye contact.

Potential Effects of Acute Exposure: Low order of acute toxicity.

Potential Effects of Chronic Exposure: None identified

Symptoms of Overexposure: No specific symptoms identified

Carcinogenicity: No ingredients in this product are listed as carcinogens by ACGIH, IARC, NTP, OSHA or 67/548/EEC Annex I.

Other Effects: None Identified

SECTION XII: ECOLOGICAL INFORMATION

Ecotoxicity: No results of ecological studies are available.

Biodegradability: No results of biodegradability studies are available.

Mobility: No results of mobility studies are available.

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SECTION XIII: DISPOSAL CONSIDERATIONS

Waste Disposal: Disposal practice must be in compliance with company, local, state and federal laws and regulations. If needed, Contact local, state or country environmental agency for specific rules.

Recommended Product Disposal: Sodium Azide may react with lead and copper plumbing to form explosive metal azides. Drains should be flushed thoroughly with water after disposing of buffer to prevent azide buildup.

SECTION XIV: TRANSPORT INFORMATION

Transportation is not regulated under ICAO, IATA, US DOT, Canadian TDG or European ADR/RVD.

SECTION XV: REGULATORY INFORMATION

Product is not classified as a dangerous preparation according to 1999/45/EC and 200/58/EC. Under US Federal and State Regulations.

SECTION XVI: OTHER INFORMATION

Employers should use this information as a supplement to other information gathered by them and should make independent judgment of the suitability of this information to ensure proper use and to protect the health and safety of employees. This information is provided without warranty and any use of this product not in conformance with this Safety Data Sheet, or in combination with any other product or process is the responsibility of the user. SA Scientific, Inc. shall not be held liable for any damage resulting from the handling or use of this product.