# Hazard Overview

Version 8.10
Revision Date 08/05/2026
Print Date 08/06/2026

## SECTION 1. IDENTIFICATION

### 1.1 Product identifiers

Product name : MILLIPLEX® SARS-CoV-2 Antigen Panel 1 for IgG

Product Number : HC19SERG1-85K
Catalogue No. : 9Z7005
Brand : Millipore

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Biochemical research/analysis
Restrictions on use : The product is being supplied under the TSCA R&D Exemption (40 CFR Section 720.36). It is the recipient's responsibility to comply with the requirements of the R&D exemption. The product may not be used for a non-exempt commercial purpose under TSCA unless appropriate consent is granted in writing by MilliporeSigma.

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

Company : Sigma-Aldrich Inc.
SPRUCE ST 3050
63103 St. Louis

Telephone :(314) 771-5765
Telefax: (800) 325-5052

### 1.4 Emergency telephone number

Emergency Phone # : 800 424 9300 (CHEMTREC) 24/7
+1 703 527 3887 (CHEMTREC) 24/7

This is a summary SDS for a kit. For the full SDS for each of the components listed in section 16 please visit our website.

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## SECTION 2. HAZARDS IDENTIFICATION

### GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

**Hazards for the product as supplied**

| | | |
|---|---|---|
| Eye irritation | : | Category 2A |
| Specific target organ toxicity - repeated exposure | : | Category 2 (Respiratory Tract) |

**Other hazards**

None known.

**GHS label elements**

Hazard pictograms :



Signal word : Warning

Hazard statements : H319 Causes serious eye irritation.
H373 May cause damage to organs (Respiratory Tract) through prolonged or repeated exposure.

Precautionary statements :

**Prevention:**

P260 Do not breathe mist or vapours.
P264 Wash skin thoroughly after handling.
P280 Wear eye protection/ face protection.

**Response:**

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P314 Get medical advice/ attention if you feel unwell.
P337 + P313 If eye irritation persists: Get medical advice/ attention.

**Disposal:**

P501 Dispose of contents/ container to an approved waste disposal plant.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Please refer to component Safety Data Sheet and/or to Section 16 Kit components



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## SECTION 4. FIRST AID MEASURES

Refer to component SDS

## SECTION 5. FIREFIGHTING MEASURES

Refer to component SDS

## SECTION 6. ACCIDENTAL RELEASE MEASURES

Refer to component SDS

## SECTION 7. HANDLING AND STORAGE

For precautions see section 2 GHS label elements

| | | |
|---|---|---|
| Further information on storage conditions | : | Tightly closed. |
| Storage class | : | 10, Combustible liquids |
| Recommended storage temperature | : | Recommended storage temperature see product label. |
| Further information on storage stability | : | Recommended storage temperature see product label. |

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Refer to component SDS

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Refer to component SDS

## SECTION 10. STABILITY AND REACTIVITY

Refer to component SDS

## SECTION 11. TOXICOLOGICAL INFORMATION

Refer to component SDS

## SECTION 12. ECOLOGICAL INFORMATION

Refer to component SDS



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## SECTION 13. DISPOSAL CONSIDERATIONS

Refer to component SDS

## SECTION 14. TRANSPORT INFORMATION

### International Regulations

**IATA-DGR**
Not regulated as a dangerous good

**IMDG-Code**
Not regulated as a dangerous good

### Transport in bulk according to IMO instruments

Not applicable for product as supplied.

### National Regulations

**49 CFR**
Not regulated as a dangerous good
Poison Inhalation Hazard : No

### Special precautions for user

Remarks : Not classified as dangerous in the meaning of transport regulations.

## SECTION 15. REGULATORY INFORMATION

## SECTION 16. OTHER INFORMATION

**Kit Components:**

| | | |
|---|---|---|
| Milliplex Assay Buffer | Millipore | L-AB |
| 10X Wash Buffer - MILLIPLEX | Millipore | L-WB |
| PE-anti-Human IgG Conjugate | Millipore | HC19-PEIGG |
| 12-Control 1 Beads - Magnetic | Millipore | CB1-MAG |
| 13-Control 2 Beads - Magnetic | Millipore | CB2-MAG |
| 14-Control 3 Beads - Magnetic | Millipore | CB3-MAG |
| 15-Negative Control Beads - Magnetic | Millipore | NCB-MAG |
| 42-SARS-CoV-2 Spike S1 Beads - Magnetic | Millipore | HC19S1-MAG |
| 45-SARS-CoV-2 Spike S2 Beads-Magnetic | Millipore | HC19S2-MAG |
| 48-SARS-CoV-2 | Millipore | HC19RBD-MAG |



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| | | |
|---|---|---|
| Receptor Binding Domain Beads-Magnetic | | |
| 51-SARS-CoV-2 Nucleocapsid Protein Beads-Magnetic | Millipore | HC19N-MAG |

**Full text of other abbreviations**

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonised System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organisation; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardisation; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); LSPN - List of Hazardous Notified Substances (Chile); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organisation for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

The information is believed to be correct but is not exhaustive and will be used solely as a guideline, which is based on current knowledge of the chemical substance or mixture and is applicable to appropriate safety precautions for the product. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.sigma-aldrich.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.



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# Kit Components:

| **Milliplex Assay Buffer** | | | | | |
|---|---|---|---|---|---|
| Product identifier | Pictogram | Signal word | Hazard statements | Precautionary statements | Supplemental information |
| Millipore - L-AB | | | | | No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required. |

| **10X Wash Buffer - MILLIPLEX** | | | | | |
|---|---|---|---|---|---|
| Product identifier | Pictogram | Signal word | Hazard statements | Precautionary statements | Supplemental information |
| Millipore - L-WB | | | | | No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required. |

| **PE-anti-Human IgG Conjugate** | | | | | |
|---|---|---|---|---|---|
| Product identifier | Pictogram | Signal word | Hazard statements | Precautionary statements | Supplemental information |
| Millipore - HC19-PEIGG |  | Warning | Causes serious eye irritation. May cause damage to organs (Respiratory Tract) through prolonged or repeated exposure. | Do not breathe mist or vapours. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Dispose of contents/ container to an approved waste disposal plant. Wash skin | |



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| | | | | | |
|---|---|---|---|---|---|
| | | | | thoroughly after handling. Get medical advice/ attention if you feel unwell. Wear eye protection/ face protection. If eye irritation persists: Get medical advice/ attention. | |

| **12-Control 1 Beads - Magnetic** | | | | | |
|---|---|---|---|---|---|
| Product identifier | Pictogram | Signal word | Hazard statements | Precautionary statements | Supplemental information |
| Millipore - CB1-MAG | | | | | No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required. |

| **13-Control 2 Beads - Magnetic** | | | | | |
|---|---|---|---|---|---|
| Product identifier | Pictogram | Signal word | Hazard statements | Precautionary statements | Supplemental information |
| Millipore - CB2-MAG | | | | | No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required. |

| **14-Control 3 Beads - Magnetic** | | | | | |
|---|---|---|---|---|---|
| Product identifier | Pictogram | Signal word | Hazard statements | Precautionary statements | Supplemental information |
| Millipore - CB3-MAG | | | | | No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required. |



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| 15-Negative Control Beads - Magnetic | | | | | |
|---|---|---|---|---|---|
| Product identifier | Pictogram | Signal word | Hazard statements | Precautionary statements | Supplemental information |
| Millipore - NCB-MAG | | | | | No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required. |

| 42-SARS-CoV-2 Spike S1 Beads - Magnetic | | | | | |
|---|---|---|---|---|---|
| Product identifier | Pictogram | Signal word | Hazard statements | Precautionary statements | Supplemental information |
| Millipore - HC19S1-MAG | | | | | No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required. |

| 45-SARS-CoV-2 Spike S2 Beads-Magnetic | | | | | |
|---|---|---|---|---|---|
| Product identifier | Pictogram | Signal word | Hazard statements | Precautionary statements | Supplemental information |
| Millipore - HC19S2-MAG | | | | | No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required. |

| 48-SARS-CoV-2 Receptor Binding Domain Beads-Magnetic | | | | | |
|---|---|---|---|---|---|
| Product identifier | Pictogram | Signal word | Hazard statements | Precautionary statements | Supplemental information |
| Millipore - HC19RBD-MAG | | | | | No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required. |



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| 51-SARS-CoV-2 Nucleocapsid Protein Beads-Magnetic | | | | | |
|---|---|---|---|---|---|
| Product identifier | Pictogram | Signal word | Hazard statements | Precautionary statements | Supplemental information |
| Millipore - HC19N-MAG | | | | | No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required. |



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