



# Material Safety Data Sheets

Doc. Number

MSDS-C-F-NCOV-01C-0120061700

Revision Date(No.)

2020.06.17.(1)

## 1) Product and company identification

**Model Name** STANDARD™ F COVID-19 Ag FIA  
**Reference Number** F-NCOV-01G

### Manufacturer Information

**Name** SD Biosensor, Inc.  
**Address** Head office: C-4th&5th, 16, Deogyong-daero, 1556beon-gil, Yeongtong-gu, Suwon-si, Gyeonggi-do 16690, KOREA  
 Manufacturing site: 74, Osongsaengmyeong 4-ro, Osong-eup, Heungdeok-gu, Cheongju-si, Chungcheongbuk-do, 28161, KOREA  
**Telephone** +82 31 300 0400  
**Fax** +82 31 300 0499  
**Emergency phone number** +82 31 300 0400

## 2) Hazards identification

**NEPA Ratings** Health=0, Flammability=0, Reactivity=0  
**Principle routes of exposure** Ingestion, inhalation, skin/eye contact  
**Inhalation** May cause irritation of respiratory tract  
**Ingestion** Harmful if swallowing, ingestion of strips or other solid pieces may cause choking  
**Skin contact** May cause irritation in contact with skin  
**Eye contact** Contact with eyes may cause irritation  
**Medical conditions aggravated by exposure** None Known  
**Additional information** None

## 3) Composition/Information on ingredients

### Composition of raw materials

Part		Material	Amount	Remark
Test device	Test Line	Mab anti-COVID19 Ab	0.8 µg ± 0.16 µg	Per 1T
	Control Line	Goat anti-Mouse IgG	0.64 µg ± 0.128 µg	
	Conjugate pad	Mab anti-COVID19 Ab europium particle	2.22 ug ± 0.44 µg	
Extraction buffer	Tris		Q.S.	1ea Per a pouch
	Tx-100		Q.S.	
	Sodium chloride		Q.S.	
	Casein		Q.S.	
	Sodium azide		Q.S.	
	Proclin 300		Q.S.	

Pursuant to United States OSHA Regulations 29 CFR Part 1910.1200, This Product Is Not Considered To Contain Hazardous Materials.

**EU classification** (1999/45/EC) Not applicable

**EU risk and safety phrases** None

## 4) Emergency first aid measures

**Inhalation** Consult a physician. Move to fresh air. If not breathing, give



# Material Safety Data Sheets

Doc. Number

MSDS-C-F-NCOV-01C-0120061700

Revision Date(No.)

2020.06.17.(1)

<b>Skin contact</b>	artificial respiration. If breathing is difficult, give oxygen Rinse with plenty of water. If skin irritation persists, call a physician.
<b>Ingestion</b>	Consult a physician. Do not induce vomiting without medical advice
<b>Eye contact</b>	In the case of contact with eyes, rinse immediately with plenty of water. Do not rub eyes
<b>Notes to physician</b>	None determined
<b>5) Fire-Fighting measures</b>	
<b>Initial boiling point</b>	100°C
<b>Flash Point(Method used)</b>	None
<b>Flammable limits</b>	Not applicable
<b>Extinguishing media</b>	Use whatever is required for the surrounding area
<b>Special firefighting procedures</b>	It is always best to wear a self-contained breathing apparatus.
<b>Unusual fire and explosion hazard</b>	None determined
<b>6) Spill or Leak procedures</b>	
<b>Steps to be taken in case material is released or spilled</b>	Pick up and place in a disposal container
<b>7) Handling and storage</b>	
Store the test strips at temperatures and conditions as indicated on the product label. See product Strip package or insert for instructions on handling product	
<b>8) Personal protection</b>	
<b>Ventilation</b>	Use general room ventilation, there is no special respiratory protection required
<b>Protective gloves and other protective equipment</b>	required
<b>Eye protective</b>	Not needed or required to use this product
<b>9) Physical data</b>	
<b>Appearance and odor</b>	Plastic strips with applied chemicals and desiccant bead
<b>pH</b>	Not applicable
<b>Solubility in water</b>	Not soluble
<b>Physical Characteristics</b>	Not significant
<b>10) Reactivity data</b>	
<b>Stability</b>	This product is stable as sold if used as directed. There are no specific conditions to avoid.
<b>11) Toxicological information</b>	
<b>Chronic effect of over exposure</b>	None currently known. None of the components are listed as a carcinogen or suspected carcinogen
<b>Inhalation, Skin Contact and Eye Contact</b>	Not considered health risks
<b>Ingestion</b>	If ingestion should occur the patient may feel uncomfortable. Treat as indicated
<b>Acute toxicity values</b>	Not applicable
<b>12) Ecological information</b>	
Ecological effects of the product strips have not been determined	
<b>13) Disposal considerations</b>	



## Material Safety Data Sheets

Doc. Number

MSDS-C-F-NCOV-01C-0120061700

Revision Date(No.)

2020.06.17.(1)

<b>Primary Container Type</b>	Foil wrapped strips in a fiberboard box. Plastic strips are polystyrene with applied chemicals
<b>Waste Disposal Method</b>	Each disposal facility must determine proper disposal methods to comply with Local, State and Federal Environmental Regulations. Incineration of the product could produce trace amounts of toxic gasses. Check your local regulations before incineration
<b>14) Transport information (IATA regulation)</b>	
Not classified as Dangerous or hazardous for transport under UN, IMO, ADR/RID and IATA/ICAO –Regulations	
<b>Proper shipping name</b>	Not regulated
<b>UN number</b>	Not applicable
<b>Hazard class</b>	Not applicable
<b>Subsidiary risks</b>	Not applicable
<b>Packing group</b>	Not applicable
<b>Label(s)</b>	Not applicable
<b>Packing instruction</b> <sup>(Passenger aircraft)</sup>	Not applicable
<b>Packing instruction</b> <sup>(cargo aircraft)</sup>	Not applicable
<b>Unit volume</b>	See products labels
<b>Primary container type</b>	White plastic container in a fiberboard box
<b>Sales unit</b>	1 kit including 25 Tests
<b>15) Regulatory information</b>	
<b>SARA 311/312</b>	Hazard categories for SARA section 311/312
<b>Reporting</b>	Not hazardous
<b>Canadian WHMIS classification</b>	Not a controlled products
<b>EU classification</b> <sup>(1999/45/EC)</sup>	Not applicable
<b>EU risk and safety phrases</b>	None
<b>16) Other information</b>	
None	

*The information, data and recommendations contained herein are based upon information believed by SD Biosensor, Inc., after reasonable investigation and research, to be accurate; however, SD Biosensor, Inc., does not warrant the accuracy of this information. All materials and mixtures may present unknown hazards and should be used with caution. When necessary or appropriate, independent opinions regarding the risk of handling or exposure should be obtained from trained professionals. SD Biosensor, Inc., disclaims any warranty against patent infringement and the implied warranties of merchantability and fitness for a particular purpose. Customer's sole and exclusive remedy shall be replacement of the product or return of the product and refund of the purchase price, at SD Biosensor, Inc.'s option. In no case shall SD Biosensor, Inc. be liable for incidental or consequential damages, including lost profits.*