



# SAFETY DATA SHEET

EC Regulation No. 1907/2006 (REACH) modified with 2015/830/UE

Doc. N° VC1020 SSE rev.5

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## 1 – IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifiers

Product number:

**VC1020**

Product name:

**ASTROVIRUS DIPSTICK**

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

Identified uses

Immuno-chromatographic rapid test on strip for the qualitative detection of Astrovirus antigens in human faeces specimens

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

Company

**Mascia Brunelli S.p.A.**

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### 1.4 Emergency telephone number

Emergency Phone  
Milano)

0039 02 66101029 (Centro Antiveleni Niguarda Ca' Granda –

## 2 – HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008

### 2.2 Label elements

The product does not need to be labelled in accordance with EC directives or respective national laws.

### 2.3 Other hazards – none

## 3 – COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures

Individually strip:

One strip; 0,5 g silica gel dessicant

Sample Diluent:

saline solution with surfactants and <0.1% sodium azide as preservative

Note: the strip is composed of nitrocellulose membrane, vinyl matte adhesive, fiber absorbent pad, fiber sample pad, fiber conjugate pad. The nitrocellulose membrane and the fiber conjugate pad contain dried biological substances preserved by sodium azide <0.1%. The identity of each biological substance is confidential

## 4- FIRST AID MEASURES

### 4.1 Description of first aid measures

If inhaled

Inhalation of any component in this kit is unlikely. If a component is inhaled and causes discomfort, move exposed individual to fresh air. Seek medical attention if breathing is difficult or symptoms persist.

If swallowed

Ingestion of small amounts of the Sample Diluent should not be toxic, however, a physician should be immediately. The animal proteins and dried reagents absorbed into the nitrocellulose membrane and the fiber conjugate pad are very unlikely to be ingested or be hazardous by ingestion. However, a physician should be consulted should ingestion occur.

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**In case of eye contact**

The test device is very unlikely to be contacted by eye, however, contact physician should a contact occur. In case of contact with the Sample Diluent, immediately flush eyes with plenty of water.

**In case of skin contact**

The Sample Diluent is not likely to be hazardous by skin contact. However in case of contact, immediately clean skin with plenty of water. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. The animal proteins and dried reagents absorbed into the nitrocellulose membrane and the fiber conjugate pad are very unlikely to be hazardous by skin contact, but clean the skin after use is advisable.

**4.2 Most important symptoms and effects, both acute and delayed**

no data available

**4.3 Indication of any immediate medical attention and special treatment needed**

no data available

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**5 - FIRE-FIGHTING MEASURES**

**5.1 Extinguishing media**

For small fires, use water or CO<sub>2</sub>.

**5.2 Special hazards arising from the substance or mixture**

thermal decomposition can lead to release of irritating gases and vapors.

**5.3 Advice for firefighters**

This material will not significantly contribute to the intensity of a fire. Use extinguishing material suitable to the surrounding fire. Utilize proper personal protective equipment when responding to any fire. Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Move containers from fire area if it can be done without risk to personnel.

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**6- ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment, lab coat and gloves

**6.2 Environmental precautions**

Given the way dispensation there is no possibility of accidental spillage in sufficient quantity to be dangerous. Avoid release to the environment

**6.3 Methods and material for containment and cleaning up**

Use adsorbent paper towel or cloth to adsorb the spill solution and dispose or clean the contaminated surface in accordance with local procedures or appropriate standards.

**6.4 Reference to other sections**

For disposal see section 13.

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**7 – HANDLING AND STORAGE**

**7.1 Precautions for safe handling**

Don't eat, drink, smoke in laboratory area. Use the product according to the product insert.

**7.2 Conditions for safe storage, including any incompatibilities**

Keep product at 2-30°C in a dry place. Do not freeze or expose to temperature higher than 30°C. Keep away from children.

**7.3 Specific end use(s)**

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

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**8- EXPOSURE CONTROLS - PERSONAL PROTECTION**

**8.1 Control parameters**

Any specific protection and prevention measures should not be taken during use of the product.

**Components with workplace control parameters**

No information available

**8.2 Exposure controls**

All the specimens should be considered potentially hazardous and handled in the same manner as an infectious agent.

**Personal protective equipment**

**Eye/face protection**

Use safety glasses.

**Skin protection**

Handle with gloves. Use with a lab coat.



**Body Protection**

The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection**

Respiratory protection is not required.

**9 – PHYSICAL AND CHEMICAL PROPERTIES**

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**9.1 Information on basic physical and chemical properties**

a) Appearance Form:	Strip white solid with yellow lines	Diluent transparent slightly yellowish, liquid
b) Odour	odorless	odorless
c) Odour Threshold	no data available	no data available
d) pH	no data available	no data available
e) Melting point/freezing point	no data available	no data available
f) Initial boiling point and boiling range	no data available	no data available
g) Flash point	no data available	no data available
h) Evaporation rate	no data available	no data available
i) Vapour pressure	no data available	no data available
j) Vapour density	no data available	no data available
k) Relative density	no data available	no data available
l) Water solubility	no data available	no data available
m) Viscosity	no data available	no data available
n) Explosive properties	no data available	no data available
o) Oxidizing properties	no data available	no data available

**9.2 Other safety information**

no data available

**10 – STABILITY AND REACTIVITY**

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**10.1 Reactivity**

No known hazardous reactivity

**10.2 Chemical stability**

Stable under recommended storage conditions.

**10.3 Possibility of hazardous reactions**

no data available

**10.4 Conditions to avoid**

Direct contact with a flame. Temperatures outside the range of 2-30°C. Avoid storing in places with high humidity.

**10.5 Incompatible materials**

The sample should be treated only with buffer that is provided with the product before testing.

**10.6 Hazardous decomposition products**

no known hazardous decomposition products

**11 – TOXICOLOGICAL INFORMATION**

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**11.1 Information on toxicological effects**

**Acute toxicity**

Product does not present an acute toxicity hazard based on known or supplied information

**Skin corrosion/irritation**

No data available.

**Serious eye damage/irritation**

No data available.

**Respiratory or skin sensitisation**

No data available.

**Germ cell mutagenicity**

No data available.

**Carcinogenicity**

A4-Not classifiable as a Human Carcinogen.

**Reproductive toxicity**

No data available.

**Summary of evaluation of the CMR properties**

No data available.

**STOT-single exposure**

No data available.

**STOT-repeated exposure**

No data available.

**Aspiration hazard**

No data available

**12 – ECOLOGICAL INFORMATION**

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**12.1 Toxicity**

no data available

**12.2 Persistence and degradability**

no data available

**12.3 Bio accumulative potential**

no data available

**12.4 Mobility in soil**

no data available

**12.5 Results of PBT and vPvB assessment**

no data available

**12.6 Other adverse effects**

no data available

**13 – DISPOSAL CONSIDERATIONS**

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**13.1 Waste treatment methods**



<b>Product</b>	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
<b>Contaminated packaging</b>	Do not remove labels from containers for disposal or recycling. Observe all the attention and precautions listed for the product.

#### **14 – TRANSPORT INFORMATION**

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The product is considered non dangerous for transportation

<b>14.1 UN number</b>	ADR/RID: - IMDG: - IATA: -
<b>14.2 UN proper shipping name</b>	ADR/RID: Not dangerous goods IMDG: Not dangerous goods IATA: Not dangerous goods
<b>14.3 Transport hazard class(es)</b>	ADR/RID: - IMDG: - IATA: -
<b>14.4 Packaging group</b>	ADR/RID: - IMDG: - IATA: -
<b>14.5 Environmental hazards</b>	ADR/RID: no IMDG Marine pollutant: no IATA: no
<b>14.6 Special precautions for user</b>	no data available

#### **15 – REGULATORY INFORMATION**

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##### **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

This product does not require special labelling, in accordance with the appropriate EC directives. These products are used for in vitro diagnosis, so they must meet the criteria described in Directive 98/79/CE

**15.2 Chemical Safety Assessment** no data available

#### **16 – OTHER INFORMATION**

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