

Date : December 2017

1- Product identification and description

Product	MCR-1
Reference	NGB-MCR-S23
Description	Lateral flow test strip enclosed by a plastic housing. The lateral flow test strip consists of a cellulose fiber absorbent and sample pad, nitrocellulose membrane, a polyester release matrix pad and a backing card.

2- Manufacturer information

Manufacturer	NG Biotech Z.A. Courbouton Secteur 1, Atelier relai le Tremplin, 35480 Guipry, FRANCE
Contact	info@ngbiotech.com
Emergency Telephone	Phone: +33(0)2 23 30 17 83 Fax: +33(0)9 71 70 53 10 Phone number is available during office hours as follows: Mo – Fr 8 :30AM – 4:30 PM;

3- Composition of ingredients

The following chemical compounds are part of the production procedure for the test realization and can be found in traces. Amount in individual tests in dry form considered as out of reach and not dangerous for the user.

Main Parts

Nitrocellulose membrane pre-coated with Monoclonal antibody anti-MCR-1 (mouse origin), Goat Antibody to Mouse Immunoglobulin G (goat origin) and Biotin-BSA.MCR-1 and streptavidin conjugate labelled with colloidal gold.

Full Chemical Composition

Sodium chloride ($\pm 0.8\%$)
Potassium chloride ($\pm 0.02\%$)
Potassium phosphate monobasic ($\pm 0.024\%$)
Sodium phosphate dibasic ($\pm 0.01\%$)
Sucrose ($\pm 4.6\%$)
EDTA ($\pm 0.02\%$)
Tween 20 ($\pm 0.0005\%$)
Trizma® base ($\pm 1.2\%$)
BSA ($\pm 0.1\%$)
CHAPS ($\pm 1\%$)
Sodium azide ($\pm 0.01\%$)
Hepes ($\pm 2.38\%$)

4- Hazard identification

NG BIOTECH

ZA COURBOUTON, ATELIER RELAIS LE TREMLIN, 35480 GUIPRY, FRANCE
TEL: +33 (0)2 23 30 17 83-FAX: +33 (0)9 71 70 53 10-EMAIL: INFO@NGBIOTECH.COM



Material Safety Data Sheet

R&D-FOR-10-0

Page 2 sur 3

HAZARDOUS Ingredient	None
Physical Hazards	None
Potential Health Effects Summary	None
Product Hazard Classifications	None

5- First aid measures

The following first aid measures are only relevant in the event of serious misuse, whereby the device is disassembled and there is exposure to the chemicals in the strip.

After skin contact	Not Applicable
After eye contact	Not Applicable
After ingestion	Not Applicable
After inhalation	Not Applicable

6- Fire Fighting Measured

Not Applicable

7- Accidental release measures

Not Applicable

8- Handling and storage

Precaution to be taken in handling and storage	Not Applicable
Requirements to be met by storage conditions	Store at 4-30°C.
Other Precautions/Special Hazards:	Not Applicable

9- Exposure controls/personal protection

The product does not contain any relevant quantities of materials with critical values that have to be monitored in the workplace

Exposure limits	Non-assigned
Personal protective equipment	No special precautions or conditions are necessary

NG BIOTECH

ZA COURBOUTON, ATELIER RELAIS LE TREMLIN, 35480 GUIPRY, FRANCE

TEL: +33 (0)2 23 30 17 83·FAX: +33 (0)9 71 70 53 10·EMAIL: INFO@NGBIOTECH.COM

10- Physical and chemical properties

Description	Form	Color	Odor
Plastic device containing polyester strip with reagents in dry form	Solid	White	N/A

11- Stability and reactivity

Stability	Stable under conditions of use until the expiration date on the corresponding label. All products are stable at 4°C to 30°C.
-----------	---

12- Toxicological information

Hazardous properties are relatively improbable.

13- Ecological information

Environmental precautions Not Applicable

14- Disposal considerations

No special disposal considerations are necessary.

15- Transport information

Not Applicable

16- Regulatory information

Labeling according to EC directives	Not classified as dangerous according to EC directives
Local Regulations	Local regulations should be applied to this product as appropriate

17- Other information

Warranty	The above information is believed to be correct but is all inclusive and should only be used as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not present any guarantee of the properties of the product. NG Biotech shall not be liable for any damage resulting from handling or contact with the above product
Disclaimer	Not applicable