

DeepChek® RT-PCR Assay NS3- Drug Resistance

24 RT-PCR tests & 24 Nested-PCR tests (K-16-NS3DR)

Material Safety Data Sheet For:

- A. NS3 FOR1 PCR Primers
- B. NS3 FOR2 PCR Primers
- C. NS3 REV PCR Primers
- D. NS3 FOR1-NESTED-PCR Primers
- E. NS3 FOR2-NESTED-PCR Primers
- F. NS3 REV-NESTED-PCR Primers
- G. NS3 SEQUENCING FOR Primers
- H. NS3 SEQUENCING REV Primers

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Advanced Biological Laboratories (ABL SA)

52-54 Avenue du X Septembre
L – 2550 Luxembourg - Luxembourg
Phone: (+352) 26 38 96 76
Fax: (+352) 26 38 96 30
<http://diag.ablsa.com>
Support: support@ablsa.com

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A. Details of the Product and of the company/undertaking

Product type	Synthetic Oligonucleotide
Product name	DeepChek® RT-PCR Assay NS3-Drug Resistance, reagents: A. NS3 FOR1 PCR Primers B. NS3 FOR2 PCR Primers C. NS3 REV PCR Primers D. NS3 FOR1-NESTED-PCR Primers E. NS3 FOR2-NESTED-PCR Primers F. NS3 REV-NESTED-PCR Primers G. NS3 SEQUENCING FOR Primers H. NS3 SEQUENCING REV Primers
Chemical name	Synthetic Nucleic Acid (Oligonucleotide)
Catalog number	K-16-NS3DR
Manufacturer/Supplier	Advanced Biological Laboratories (ABL SA) 52-54 Avenue du X Septembre L – 2550 Luxembourg - Luxembourg Phone: (+352) 26 38 96 76 Fax: (+352) 26 38 96 30 http://diag.ablsa.com
Further information obtainable from	support@ablsa.com
Information in case of emergency	Please contact ABL S.A directly (+352) 26 38 96 76
MSDS-Number	MSDS-16-NS3DR

B. Hazards identification

Hazard description	Not applicable
Information concerning particular hazards for human and environment	Warning – This preparation contains a substance not yet tested completely.
Classification system	The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

C. Composition/information on ingredients and Origin

Chemical characterization	
Description	Sequence specific
Dangerous components	No hazardous substances in reportable quantities. Non-animal origin of starting materials

D. First-aid measures

After inhalation	Fresh air. Consult a doctor in case of complaints.
After skin contact	Flush with water
After eye contact	Rinse out with plenty of water
After swallowing	Make victim drink plenty of water. Consult doctor if feeling unwell.

E. Fire-fighting measures

Suitable extinguishing agents	Water, CO2, powder.
Protective equipment	Do not inhale explosion gases or combustion gases.

F. Accidental release measures

Person-related safety precautions	Ensure adequate ventilation.
Measures for environmental protection	Do not allow product to reach sewage system or any water course.
Measures for cleaning/collection	Absorb with liquid-binding material.

G. Handling

Information for safe handling	Not required
Information about fire	Not required

H. Storage

Requirements to be met by storerooms and receptacles	No further requirements
Information about storage in one common storage facility	Not required
Further information about storage conditions	-20°C
Class according to regulation on flammable Liquids	Void

I. Exposure controls/personal protection

Additional information about design of technical facilities	No further requirements.
Ingredients with limit values that require monitoring at the workplace	No ingredients need monitoring
Personal protective equipment	
General protective and hygienic measures	The usual precautionary measures are to be adhered when handling chemicals
Respiratory protection	Not required
Protection of hands	Protective gloves
Eye protection	Protective goggles

J. Physical and chemical properties

Form	Fluid or Dried
Color	Colorless
Odor	Odorless
Change in condition - Melting point/range	Undetermined
Change in condition - Boiling point/range	Undetermined
Flash point	Not applicable

Self-igniting	Not self-igniting
Danger of explosion	No explosion hazard
Density	Not determined
Solubility in water	Fully soluble
Miscibility with water	Fully miscible

K. Stability and reactivity

Thermal decomposition/conditions to be avoided	No decomposition if used according to specifications
Dangerous reactions	No information available
Dangerous decomposition products	No information available

L. Toxicological information

Acute toxicity	-
Primary irritant effect	-
On the skin	-
On the eye	-
Sensitization	-
Additional toxicological information	The product should be handled with the usual care when dealing with chemicals.

M. Ecological information

General notes	Substance slightly hazardous to water.
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N. Disposal considerations

Product	-
Recommendation	Dispose as special waste in compliance with official regulations.
Uncleaned packaging	-
Recommendation	Dispose in compliance with official regulations
Recommended cleansing agents:	Water, if necessary together with cleansing agents.

O. Transport information

Land transport ADR/RID (cross-border)	
ADR/RID class	Not a dangerous substance as defined in the regulation
Maritime transport IMDG	
IMDG Class	Not a dangerous substance as defined in the regulation
Marine pollutant	No
Air transport ICAO-TI and IATA-DGR	
ICAO/IATA Class	Not a dangerous substance as defined in the regulation

P. Regulation information

Labeling according to EU guidelines	-
Symbol	-
R-phrases	-
S-phrases	-

Q. End use

This product is for Research Use only. Not intended for any animal or human therapeutic or diagnostic use, unless otherwise stated.

R. Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

The information in this document is intended only as a guide to the appropriate precautionary handling of this material by a person trained in, or supervised by a person trained in chemical handling. The user is responsible for determining the precautions and danger of this chemical material in his application. This material may react with other substances and since potential users are so varied, ABL S.A., cannot warn of all potential dangers. Therefore, ABL S.A., will not assume responsibility and expressly disclaims liability for loss, damage, or expense arising from the use, handling, storage, or disposal of this product. ABL S.A. urges each user to carefully read the MSDS prior to using the product and become aware to the adverse health effects associated with this product. While the information provided in the MSDS is believed to be correct, the information is provided without any warranty expressed or implied, regarding its corrective uses.