

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Version 6.4

Revision Date 21.03.2019

Print Date 17.08.2021

GENERIC EU MSDS - NO COUNTRY SPECIFIC DATA - NO OEL DATA

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifiers

Product name : GENELUTE™ URINE CELL-FREE DNA PURIFICATION MINI KIT

Product Number : DNB300

Brand : Sigma

REACH No. : A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

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

Identified uses : Laboratory chemicals, Manufacture of substances

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

Company : Sigma-Aldrich Pte Ltd  
(Co. Registration No. 199403788W)  
1 Science Park Road  
#02-14 The Capricorn, S'pore Sci. PkII  
SINGAPORE 117528  
SINGAPORE

Telephone : +65 6779-1200

Fax : +65 6779-1822

### 1.4 Emergency telephone number

Emergency Phone # : 1-800-262-8200

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

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008

Corrosive to metals (Category 1), H290

Acute toxicity, Oral (Category 4), H302

Skin irritation (Category 2), H315

Eye irritation (Category 2), H319

Respiratory sensitisation (Category 1), H334

For the full text of the H-Statements mentioned in this Section, see Section 16.



## 2.2 Label elements

### Labelling according Regulation (EC) No 1272/2008

Pictogram



Signal word

Danger

Hazard statement(s)

H290

May be corrosive to metals.

H302

Harmful if swallowed.

H315

Causes skin irritation.

H319

Causes serious eye irritation.

H334

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Precautionary statement(s)

P261

Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P264

Wash skin thoroughly after handling.

P280

Wear protective gloves/ eye protection/ face protection.

P284

Wear respiratory protection.

P304 + P340

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P342 + P311

If experiencing respiratory symptoms: Call a POISON CENTER/doctor.

Supplemental Hazard Statements

none

## 2.3 Other hazards - none

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## SECTION 3: Composition/information on ingredients

Refer to component MSDS

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## SECTION 4: First aid measures

Refer to component MSDS

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## SECTION 5: Firefighting measures

Refer to component MSDS

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## SECTION 6: Accidental release measures

Refer to component MSDS

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

For precautions see section 2.2.

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

No data available

Sigma- DNB300

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The life science business of Merck operates as MilliporeSigma in the US and Canada



### 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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## SECTION 8: Exposure controls/personal protection

Refer to component MSDS

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## SECTION 9: Physical and chemical properties

Refer to component MSDS

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## SECTION 10: Stability and reactivity

Refer to component MSDS

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## SECTION 11: Toxicological information

Refer to component MSDS

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## SECTION 12: Ecological information

Refer to component MSDS

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## SECTION 13: Disposal considerations

Refer to component MSDS

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## SECTION 14: Transport information

### 14.1 UN number

ADR/RID: 3265

IMDG: 3265

IATA: 3265

### 14.2 UN proper shipping name

ADR/RID: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Guanidinium chloride)

IMDG: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Guanidinium chloride)

IATA: Corrosive liquid, acidic, organic, n.o.s. (Guanidinium chloride)

### 14.3 Transport hazard class(es)

ADR/RID: 8

IMDG: 8

IATA: 8

### 14.4 Packaging group

ADR/RID: III

IMDG: III

IATA: III

### 14.5 Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

### 14.6 Special precautions for user

No data available



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## SECTION 15: Regulatory information

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

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.  
Refer to component MSDS

### 15.2 Chemical safety assessment

For this product a chemical safety assessment was not carried out

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## SECTION 16: Other information

### Kit Components:

Elution Buffer B	Sigma	NBELBUFFB	
Wash Solution A	Sigma	NBWASHA	
Binding Solution K	Sigma	NBBSOLK	Met. Corr. 1; Acute Tox. 4; Skin Irrit. 2; Eye Irrit. 2; H290, H302, H315, H319
Proteinase K	Sigma	NBPROKB	Resp. Sens. 1; H334

### Further information

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## Kit Components:

Elution Buffer B					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
Sigma - NBELBUFFB					Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Wash Solution A					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
Sigma - NBWASHA					Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Binding Solution K					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
Sigma - NBBSOLK		Warning	May be corrosive to metals. Harmful if swallowed. Causes skin irritation. Causes serious eye irritation.	Keep only in original packaging. If eye irritation persists: Get medical advice/attention. Dispose of contents/ container to an approved waste disposal plant. Wash skin thoroughly after handling. Absorb spillage to prevent material damage. Wear protective gloves/ eye protection/ face protection.	



<b>Proteinase K</b>					
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information
Sigma - NBPROKB		Danger	May cause allergy or asthma symptoms or breathing difficulties if inhaled.	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Wear respiratory protection. If experiencing respiratory symptoms: Call a POISON CENTER/doctor.	

