



# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006

Version:	1.0
Date of issue:	2024-06-11
Replaces version:	N/A

Trade name: Calprotectin ELISA

Product number: EIA-5415

### Useable for:

<b>Catalogue Number:</b>	<b>Product Name:</b>
EIA-5415	Calprotectin ELISA

### Single components where a safety data sheet is in attachment:

Kit Component	SDS Version
Calprotectin ELISA	1.0

Single components not listed, contain no hazardous substances in concentrations to be declared. A safety data sheet is not required.

*released 2024-06-11*

*Dr B / PRRC*



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**Trade name:** Calprotectin ELISA  
**Product number:** EIA-5415

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1 Product identifier**

Trade name: Calprotectin ELISA  
Product number: EIA-5415

*Kit Components:* Calprotectin ELISA

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

Relevant identified uses: Laboratory reagents.

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

DRG Instruments GmbH	Phone: +49-(0)6421 / 1700-0
Frauenbergstraße 18	Fax: +49-(0)6421 / 1700-50
35039 Marburg	E-Mail: drg@drg-diagnostics.de
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**1.4 Emergency telephone number**

+49-(0)6421 / 1700-0

(Only available during the following office hours: 8:00 h – 16:30 h (CET))

**SECTION 2: HAZARDS IDENTIFICATION**

**2.1 Classification of the substance or mixture**

**Product Description** WASHBUF

**Classification according to EC 1272/2008 (CLP/GHS)** Component WASHBUF:  
Eye Irrit. (category 2), H319.

**2.2 Label elements**

Hazard-determining ingredient of labelling: Maleic acid, < 2% v/v



**Hazard pictogram(s):**

**Signal word(s):**

**Warning**

**Hazard statement(s):** H319 Causes serious eye irritation.

**Precautionary statement(s):** P280 Wear protective gloves, protective clothing and eye/face protection.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 If eye irritation persists: Get medical advice/attention.

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**2.3 Other hazards**

None

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1 Substances**

Not applicable.

**3.2 Mixtures**

Substance name	CAS No. (EC No.) [Index No.] "REACH No."	Concentration in the mixture	Classification according to Regulation (EC) No 1272/2008 [CLP] (related to the concentrated form)		
			Hazard class / Hazard categories	Hazard- statement	Specific Conc. Limits, M-factors and ATE
CONJ WASHBUF -ProClin 300-	55965-84-9	<0.1	Skin Sens. 1	H317	
SAMPLEBUF CTRL CAL (K 6967) STD (K 6927) -Sodium azide-	26628-22-8	<0.1	Acute Tox. 2 Aquatic Acute 1 Aquatic Chronic1	H300 H400 H410	
WASHBUF -Alcohols, C12-14- secondary, ethoxylated	84133-50-6	< 3	Eye Irrit. 2	H319	
SUB -3,3',5,5'- Tetramethylbenzidin-	54827-17-7	0.02	n.d.	n.d.	
STOP -Sulphuric acid-	7664-93-9	2.0	Skin Corr. 1A	H314	

Full text of H-phrases: see section 16.

**SECTION 4: FIRST AID MEASURES**

**4.1 Description of first aid measures**

**If inhaled:**

Move person into fresh air. If not breathing provide artificial respiration. Consult a doctor/physician.

**General advice:**

Consult a doctor if you feel unwell. Show this safety data sheet to the attending physician.

**In case of skin contact:**

Wash affected areas with plenty of water. Remove all contaminated clothing immediately. Seek medical attention if necessary.

**In case of eye contact:**

Rinse with plenty of water. Call an ophthalmologist immediately. Remove contact lenses.

**If swallowed:**

Rinse mouth with water. Do NOT induce vomiting. Consult a doctor/physician.

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**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.

**SECTION 5: FIREFIGHTING MEASURES**

**5.1 Extinguishing media**

Suitable extinguishing media: Water spray, alcohol-resistant foam, dry chemical, or carbon dioxide  
The product itself is not flammable. Adjust firefighting actions to the requirements of the adjacent fire.

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

No data available.

**5.3 Advice for firefighters**

Wear protective self-contained breathing device when appropriate.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

Avoid contact with substance. Avoid contact with eyes and skin. Do not inhale vapor/aerosol.

**6.2 Environmental precautions**

Prevent entry into the drainage system.

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

Contain spill with adsorbent materials. Dispose contaminated material (see section 13).

**6.4 Reference to other sections**

For disposal see section 13.

**SECTION 7: HANDLING AND STORAGE**

**7.1 Precautions for safe handling:**

Avoid contact with eyes and skin. Avoid spilling and formation of vapors/mist. Do not inhale vapor/mist.

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

No special requirements for storage. Tightly close opened containers and store upright to prevent leakage.  
Storage temperature: Store product at the temperatures indicated on the product label

**7.3 Specific end use(s):**

See section 1.2.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters:

#### Components with workplace control parameters

CAS No	Name	Mode	Value	Unit
7664-93-9	Sulphuric acid	MAK (Germany)	0.1	mg/m <sup>3</sup>
26628-22-8	Sodium azide	MAK (Germany)	0.2	mg/m <sup>3</sup>

### 8.2 Exposure controls

#### Appropriate engineering controls

Observe the general safety and hygiene measures when handling chemicals: Keep food and beverages away. Do not eat or drink while handling the product. Wash hands well after handling the product.

#### Personal protective equipment

##### Eye and face protection

Wear protective goggles.

##### Skin protection/Protection of hands

Handle with suitable gloves. Check condition of protective gloves prior to each use. Avoid skin contact with this reagent.

##### Respiratory protection

Not required. When vapours are generated use respiratory filter device. Use respirators tested and approved under appropriate government standards.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

(a) Appearance: Liquid or lyophilized (has no influence to the properties of the mixture)

Diverse (has no influence to the properties of the mixture)

(b) Odour: no data available

(c) Odour threshold: no data available

(d) pH: no data available

(e) Melting point/freezing point: no data available

(f) Initial boiling point and boiling range: no data available

(g) Flash point: no data available

(h) Evaporation rate: no data available

(i) Flammability (solid, gas): no data available

(j) Upper/lower flammability or explosive limits: no data available

(k) Vapour pressure : no data available

(l) Vapour density : no data available

(m) Relative density: no data available

(n) Solubility(ies): no data available

(o) Partition coefficient: n-octanol/water: no data available

(p) Auto-ignition temperature: no data available

(q) Decomposition temperature: no data available

(r) Viscosity: no data available

(s) Explosive properties: no data available

(t) Oxidising properties: no data available

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**9.2 Other information**  
no data available

**SECTION 10: STABILITY AND REACTIVITY**

**10.1 Reactivity**

Not specified

**10.2 Chemical stability**

Not specified

**10.3 Possibility of hazardous reactions**

Not specified

**10.4 Conditions to avoid**

Not specified

**10.5 Incompatible materials**

Not specified

**10.6 Hazardous decomposition products**

Not specified

**SECTION 11: TOXICOLOGICAL INFORMATION**

**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

**Acute Toxicology**

CAS-No.	Name	Mode	Value	Species
7664-93-9	Sulphuric acid	LD50 (Oral)	2140 mg/kg	Rat
26628-22-8	Sodium azide	LD50 (Oral)	27 mg/kg	Rat
54827-17-7	3,3',5,5'-Tetramethylbenzidine	LD50 (Oral)	316 mg/kg	Rat
55965-84-9	ProClin 300	LD50 (Oral)	862 mg/kg	Rat



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### SECTION 12: ECOLOGICAL INFORMATION

#### 12.1 Toxicity

No information available.

#### 12.2 Persistence and degradability

No information available.

#### 12.3 Bioaccumulative potential

No information available.

#### 12.4 Mobility in soil

No information available.

#### 12.5 Results of PBT and vPvB assessment

No information available.

#### 12.6 Endocrine disrupting properties

No information available.

#### 12.7 Other adverse effects

No information available.

### SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods

##### **Product**

Prevent entry into the drainage system. Residual chemicals or dilutions must be disposed of as toxic waste. Please observe the respective valid local regulations regarding toxic waste disposal.

**Contaminated packaging:** non-contaminated packaging can be recycled. Packaging that cannot be cleaned must be disposed of in the same way as the product.

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**SECTION 14: TRANSPORT INFORMATION**

	IATA	IMDG	RID	ADR
1.1 <b><u>UN number or ID number</u></b>	Not applicable	Not applicable	Not applicable	Not applicable
1.2 <b><u>UN Proper shipping name</u></b>	Not applicable	Not applicable	Not applicable	Not applicable
1.3 <b><u>Transport hazard class(es)</u></b>	Not applicable	Not applicable	Not applicable	Not applicable
1.4 <b><u>Packing group</u></b>	Not applicable	Not applicable	Not applicable	Not applicable
1.5 <b><u>Environmental hazards</u></b>	Not applicable	Not applicable	Not applicable	Not applicable
1.6 <b><u>Special precautions for user</u></b> <b>Special Provisions</b>	Not applicable	Not applicable	Not applicable	Not applicable
1.7 <b><u>Maritime transport in bulk according to IMO instruments</u></b>	Not applicable	Not applicable	Not applicable	Not applicable

**SECTION 15: REGULATORY INFORMATION**

This Safety Data Sheet complies with the requirements of Regulation (EC) No 1272/2008

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

No data available.

**European Union**

Take note of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

**15.2 Chemical safety assessment**

A chemical safety assessment has not been carried out for this product.

**SECTION 16: OTHER INFORMATION****Relevant H and EUH statements referred to under section 3****Hazard statement(s)**

- H300 Fatal if swallowed.
- H314 Causes severe skin burns and eye damage.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.

**Trade name:** Calprotectin ELISA**Product number:** EIA-5415**Abbreviations and acronyms**

CLP:	Classification, labelling and Packaging
REACH:	Registration, Evaluation and Authorization of Chemicals
GHS:	Globally Harmonised System of Classification, Labelling and Packaging of Chemicals
UN:	United Nations
CAS:	Chemical Abstracts Service
DNEL:	Derived No Effect Level
DMEL:	Derived Minimal Effect Level
PNEC:	Predicted No Effect Concentration
ATE:	Acute toxicity estimate
LC50:	Lethal concentration, 50%
LD50:	Lethal dose, 50%
LL50:	Lethal loading, 50%
EL50:	Effect loading, 50%
EC50:	Effective Concentration 50%
ErC50:	Effective Concentration 50%, growth rate
NOEC:	No Observed Effect Concentration
BCF:	Bio-concentration factor
PBT:	persistent, bioaccumulative, toxic
vPvB:	very persistent, very bioaccumulative
ADR:	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID:	Regulations concerning the international carriage of dangerous goods by rail
ADN:	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)
IMDG:	International Maritime Code for Dangerous Goods
EmS:	Emergency Schedules
MFAG:	Medical First Aid Guide
IATA:	International Air Transport Association
ICAO:	International Civil Aviation Organization
MARPOL:	International Convention for the Prevention of Marine Pollution from Ships
IBC:	Intermediate Bulk Container
SVHC:	Substance of Very High Concern