



# SAFETY DATA SHEET

Pan Malaria Antibody CELISA

Section 5 Office Use Only  
Doc. No.: 5109-16v07  
Pan Mal Ab CELISA SDS  
Issue Date: 17/10/2016  
Authorised By: DDH

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

### 1.1. Product identifier

**Product name:** Pan Malaria Antibody CELISA      **Product Code:** KMC3  
**Components:**    Microwell Plates                      Washing Buffer                      Substrate  
                         Positive Control                      Enzyme Conjugate                      Substrate Buffer  
                         Negative Control                      Stopping Solution

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

Enzyme-linked Immunosorbent Assay (ELISA) for the detection of antibody to all four species of malaria (*P.falciparum*, *P.vivax*, *P.malariae* and *P.ovale*).

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

#### Company Details

Cellabs Pty Ltd  
7/27 Dale Street  
Brookvale 2100  
NSW, Australia

#### Contact Details

Telephone: +61 2 9905 0133  
Fax: +61 2 9905 6426  
email: [admin@cellabs.com.au](mailto:admin@cellabs.com.au)

### 1.4. Emergency telephone number

**Emergency telephone:** + 61 2 9905 0133 (office hours only)

## Section 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification under 1272/2008 EC Regulation

**Stopping Solution** :            Skin irrit. 2            H319  
                                                 Eye irrit. 2            H315

All other components listed in Section 1.1 are not classified in CLP.

**FOR TRANSPORT USING AIR (COURIERS): PLEASE NOTE THAT THE CONCENTRATION OF STOPPING SOLUTION IS VERY LOW AT 6.5% (less than the concentration limits of 10%) AND PACKAGED IN ACCEPTABLE QUANTITIES (30ML) THEREFORE THIS KIT IS CLASSIFIED AS NON-HAZARDOUS LABORATORY DIAGNOSTIC KIT- SEE TRANSPORT CLASSIFICATION IN SECTION 14.**

### 2.2. Label elements

Label elements: GHS



Hazard Pictograms :

GHS05

GHS07



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**Signal Word** : Danger

**Hazard Statements** : H315 May cause skin irritation

H335 May cause respiratory irritation

**Precautionary Statements:** P201 Obtain special instructions before use

P234 Keep only in original container

P260-P261 Do not breath and avoid breathing mist/vapours/spray

P262 Do not get in eyes, on skin or on clothing

P280 Wear protective gloves/clothing/eye or face protection

P302 + 350 IF ON SKIN: Gently wash with plenty of soap and water

P304 + P340 + P341 IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if preset and continue rinsing

P306 + P360 IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.

P308 + P313 IF exposed or concerned: Get medical advice/attention

P401 Store at 2-8oC

P501 Dispose of contents/container as per laboratory methods for acids.

## 2.3. Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.1. Substances

Not Applicable

### 3.2. Mixtures

#### Stopping Solution

| Name              | Product Identifier |                 | %     | Classification GHS                     |
|-------------------|--------------------|-----------------|-------|----------------------------------------|
| Deionised water   | CASNo. 7732-18-5   | ECNo. 231-595-7 | >90%  | Not classified                         |
| Hydrochloric Acid | CASNo. 7647-01-0   |                 | < 10% | Skin Irrit. 2 H315<br>Eye irrit 2 H319 |

**Contains:** Contains no hazardous substances in reportable quantities under the CLP.

Refer to Section 16 for full description of H statements.

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists, seek medical advice/attention.

**Ingestion:** Do not induce vomiting. Wash mouth with water and give plenty of water to drink



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immediately. Obtain medical attention if necessary and show label on container.

**Inhalation:** Irritation is unlikely to occur but in the event of discomfort, provide plenty of fresh air and if necessary seek medical assistance.

### 4.2. Most important symptoms and effects, both acute and delayed

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** No symptoms.

### 4.3. Indication of any immediate medical attention and special treatment needed

**Immediate / special treatment:** Not applicable.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

### 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** No known specific hazards

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Do not enter fire without proper protective equipment, including respiratory protection.

## Section 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Refer to section 8 of SDS for personal protection details.

Turn leaking containers leak-side up to prevent the escape of liquid.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers.

### 6.3. Methods and material for containment and cleaning up

**Clean-up procedures:** For small spills, clean up with paper/cloth, or mop up, and dispose of safely.  
Clean area of spillage down with plenty of water.

### 6.4. Reference to other sections

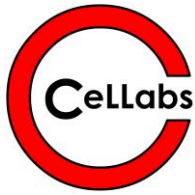
**Reference to other sections:** Refer to section 8 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** No special requirements.

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



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**Storage conditions:** Store in a cool, well ventilated area.

Store in original container between 2°C and 8°C. Keep container tightly closed.

**Suitable packaging:** Must only be kept in original packaging.

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

**Specific end use(s):** No data available.

**Section 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Workplace exposure limits:** No data available.

**DNEL/PNEC Values**

**DNEL / PNEC** No data available.

**8.2. Exposure controls**

**Engineering measures:** Ensure all engineering measures mentioned in section 7 of SDS are in place.

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Protective gloves.

**Eye protection:** Use protective laboratory goggles or hood with barrier.

**Skin protection:** Personal protective clothing or lab coat.

**Section 9: Physical and chemical properties**

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

**State:** Liquid

**Colour:** Colourless

**Odour:** Odourless

**Solubility in water:** Soluble

**Viscosity:** Non-viscous

**Boiling point/range°C:** No data available

**Flash point°C:** No data available

**Vapour pressure:** No data available.

**pH:** 0

**Melting point/range°C:** No data available.

**Autoflammability°C:** No data available.

**Relative density:** No

**9.2 Other information**

**Other information:** No data available.

**Section 10: Stability and reactivity**

**10.1. Reactivity**

**Reactivity:** Stable under recommended transport or storage conditions.



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### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

### 10.4. Conditions to avoid

**Conditions to avoid:** No known specific conditions to avoid

### 10.5. Incompatible materials

**Materials to avoid:** None known.

### 10.6. Hazardous decomposition products

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

|                                      | <b>Stopping Solution (&lt;10% Conc.)</b>                                                                                                                                                                                                  |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Specific Concentration limits</b> | Eye Irrit. 2; H319: $10\% \leq C < 25\%$<br>Skin Irrit. 2; H315: $10\% \leq C < 25\%$<br>Skin Corr. 1B; H314: $C \geq 25\%$<br>STOT SE 3; H335: $C \geq 10\%$<br>Acute inhalation toxicity for $>25\%$ = LC50 Rat: 4.74 mg/L, 1 h (RTECS) |

## Section 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity values:** No information available.

### 12.2. Persistence and degradability

**Persistence and degradability:** Not established

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** Partition coefficient: n-octano/water. Not applicable

### 12.4. Mobility in soil

**Mobility:** No information available

### 12.5. Results of PBT and vPvB assessment

**PBT identification:**

**Stopping Solution:** This product does not meet the criteria for PBT/vPvB according to Regulation EC No. 1907/2006, Annex XIII, or a PBT/vPvB assessment was not conducted.

### 12.6. Other adverse effects

**Other adverse effects:**



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**Stopping Solution (Hydrochloric Acid <10%):** Forms corrosive mixtures with water even if diluted. Harmful effect due to pH shift. Discharge into the environment must be avoided.

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal operations:**

**Stopping Solution:** Dispose of in accordance with current legislation and local authority regulations and in accordance with Directive on waste 2008/98/EC. Leave in original container. No mixing with other waste. Handle uncleaned product like the product itself.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**Section 14: Transport information**

**IMPORTANT FOR COURIERS/TRANSPORT**

|                             |                                                                                                                                                 |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Land Transport (ADR)</b> | <b>Not subject to regulation as package sizes below limited quantities described in ADR</b>                                                     |
| <b>Sea transport (IMDG)</b> | <b>Non examined Regulation</b>                                                                                                                  |
| <b>Air Transport (IATA)</b> | <b>Exempted from the marking, labeling and documentation requirements of these Regulations when shipped below limited quantities described.</b> |

**14.1. UN number**

**UN number:** N/A

**14.2. UN proper shipping name**

**Shipping name:** This product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).  
Non-hazardous for rail or road, sea and air transport

**14.3. Transport hazard class(es)**

**Not Applicable**

**14.4. Packing group**

**Not Applicable**

**14.5. Environmental hazards**

**No Information available**

**14.6. Special precautions for user**

**Special precautions:** No special precautions.

**Section 15: Regulatory information**

**15.1. Local Regulation**



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**Specific regulations:** No additional regulation applicable

## 15.2. International Regulation

Classification according to Regulation (EC) No. 1272/2008 (CLP)

Classification according to Directive 67/548/EEC or 1999/45/EC  
Not Classified

## Section 16: Other information

### Other information

**Full text of H Phrases:** see Section 2.2

|      |                                |  |  |
|------|--------------------------------|--|--|
| H315 | Causes serious skin irritation |  |  |
| H319 | Causes serious eye irritation  |  |  |
|      |                                |  |  |

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.