

**1. PRODUCT AND COMPANY IDENTIFICATION**

**1.1. Product Identifiers**

Product Name : CE Marked BDNF Rapid ELISA Kit: Human  
 Catalog No : BEK-2211-1P/2P-CE

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

Identified uses: For in-vitro diagnostic (IVD) use in the European Economic Area (EEA). For research use worldwide. For In Vitro use only, not for human or animal consumption.

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

Company : Biosensis Pty Ltd.  
 40-46 West Thebarton Road  
 Thebarton, 5031, South Australia  
 Australia  
 Telephone : (61) 8 8352-7711  
 Fax : (61) 8 8352-7711

**1.4. Emergency telephone number**

Emergency Phone Number: Your local Poison Control Center: 1800-222-1222 (USA); 0845 46 47 (UK); 13 11 26 (Australia); 112 (European Union Emergency Phone)

**2. HAZARDS IDENTIFICATION**

**2.1. Classification of the substance or mixture**

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

**2.2. GHS Label elements, including precautionary statement**

Pictogram



Signal Word

Danger

**Hazard Statement(s)**

H290 May be corrosive to metals.  
 H302 Harmful if swallowed  
 H314 Causes severe skin burns and eye damage.  
 H317 May cause an allergic skin reaction.  
 H318 Causes serious eye damage.  
 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
 H410 Very toxic to aquatic life with long lasting effects.

**Precautionary statement(s)**

P234 Keep only in original container.  
 P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.  
 P264 Wash skin thoroughly after handling.  
 P270 Do not eat, drink or smoke when using this product.  
 P272 Contaminated work clothing should not be allowed out of the workplace.  
 P273 Avoid release to the environment.  
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
 P285 In case of inadequate ventilation wear respiratory protection.  
 P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. Rinse mouth.  
 P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P301 + P330 + P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P303 + P361 + P353	IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P304 + P340 + P310	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician.
P304 + P340 + P310	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician.
P305 + P351 + P338 + P310	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.
P305 + P351 + P338 + P310	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
P333 + P313	If skin irritation or rash occurs: Get medical advice/ attention.
P342 + P311	If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
P363	Wash contaminated clothing before reuse.
P390	Absorb spillage to prevent material damage.
P391	Collect spillage.
P405	Store locked up.
P406	Store in corrosive resistant stainless steel container with a resistant inner liner.
P501	Dispose of contents/ container to an approved waste disposal plant.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1. Mixtures

Ingredient	Concentration	CAS #	EC-No.
ProClin	0.05%	55965-84-9	613-167-00-5
Sulfuric Acid	0.028%	7664-93-9	231-639-5

### 4. FIRST AID MEASURES

#### 4.1. Descriptions of first aid measures

##### General Advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

##### If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

##### In case of skin contact

Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.

##### In case of eye contact

Rinse thoroughly with water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.

##### If swallowed

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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

The most important known symptoms and effects are described in the labeling (section 2.2) and/or in section 11.

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

No data available

### 5. FIREFIGHTING MEASURES

Fire fighting media should be selected depending on the surrounding materials and equipment. Non-combustible. Ambient fire may liberate hazardous vapors. It is recommended that firefighters wear protective gear and self-contained breathing apparatus to limit their exposure.

### 6. ACCIDENTAL RELEASE MEASURES

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

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

#### 6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

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

Soak up with absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

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## 7. HANDLING AND STORAGE

This kit should be stored as recommended on the product label. Refer to the storage section of the package insert for further information. This kit should be handled and used by a qualified, trained profession, general good laboratory practice should be maintained. Handle calibrators and unknown samples as potentially infectious.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Engineering Controls

Use with adequate ventilation. Ensure that eyewash stations and safety showers are close to the workstation location.

### 8.2 Exposure controls

Wear protective clothing and appropriate footwear as protection against splashing or contamination. Also wear approved safety goggles and protective gloves. After finishing the work or before going on break, wash hands thoroughly.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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

9.1.1.	Appearance	:	Form: Liquid
9.1.2.	Odor	:	Non Detectable
9.1.3.	Boiling Point	:	Not Available
9.1.4.	Melting Point	:	Not Available
9.1.5.	Vapor Pressure	:	Not Available
9.1.6.	Vapor Density	:	Not Available
9.1.7.	Evaporation Rate	:	Not Available
9.1.8.	pH	:	Neutral except for Stop Solution (pH ~0.9)

### 9.2. Other Safety information

No data available

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## 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

No data available

### 10.2. Chemical stability

Stable under recommended storage conditions

### 10.3. Conditions to avoid

Extreme temperatures

### 10.4. Materials to avoid

Use only clean glass and plastic suitable for laboratory use when handling the kit components. Individual ingredients are incompatible with strong oxidizing agents, metals and strong bases.

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## 11. TOXICOLOGICAL INFORMATION

Because of the small size of the containers and the low concentrations of hazardous ingredients, the toxicological risks are minor. Toxicological experiments have not been done on the kit components.

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## 12. ECOLOGICAL INFORMATION

No data available

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## 13. DISPOSAL CONSIDERATIONS

Dispose of each component according to federal, state and local environment control regulations.

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## 14. TRANSPORT INFORMATION

No special transportation regulations.

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## 15. REGULATORY INFORMATION

No kit component contains a hazardous ingredient in an amount that requires identification and labeling.

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## 16. OTHER INFORMATION

The above information is believed to be correct but does not purport to be an all-inclusive document. Biosensis Pty Ltd. shall not be liable or responsible in any way for use of either this information or the material supplied. Final determination of suitability and safe use of these materials is the sole responsibility of the user. Disposal of hazardous materials may be subject to federal, state or local laws or regulations.