1. PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>Trade Name:</th>
<th>QuantChrom™ BCG Albumin Assay Kit</th>
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<tbody>
<tr>
<td>Item Number:</td>
<td>DIAG-250</td>
</tr>
<tr>
<td>Manufacturer:</td>
<td>BioAssay Systems</td>
</tr>
<tr>
<td>Address:</td>
<td>3191 Corporate Place, Hayward, CA 94545, USA</td>
</tr>
<tr>
<td>Phone:</td>
<td>510-782-9888; Fax: 510-782-1588</td>
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<tr>
<td>Email:</td>
<td><a href="mailto:info@bioassaysys.com">info@bioassaysys.com</a></td>
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</tbody>
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2. HAZARDS IDENTIFICATION

**GHS Classification**
- Skin irritation (Category 2), H315
- Eye irritation (Category 2A), H319

**GHS Label elements, including precautionary statements**

**Pictogram:**
- Signal word: Warning
- Hazard statements: H302, H315, H319, H335, H411
- Precautionary statements: P280, P305 + P351 + P338, P304 + P340, P337 + P313, P312

3. COMPOSITION/INFORMATION ON INGREDIENTS

**This product contains the following components and mixture of the following substances with non-hazardous additions.**

**Reagent:** 50 mL Liquid
- Contains 0.1-5% Brij 35 (CAS #: 9002-92-0) and Citric acid (CAS #: 77-92-9).

**Standard:** 1 mL Liquid
- Contains 5% bovine serum albumin (CAS #: 9048-46-8).

4. FIRST AID MEASURES

**Eye:** Eye irritation. Flush immediately with large amounts of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Get immediate medical attention.

**Skin:** Itching or burning of the skin. Immediately flush the skin with plenty of water while removing contaminated clothing and shoes. Get immediate medical attention. Wash contaminated clothing before reuse.

**Inhalation:** Remove exposed person from source of exposure to fresh air. If not breathing, clear airway and start cardiopulmonary resuscitation (CPR). Avoid mouth-to-mouth resuscitation.

**Ingestion:** Get immediate medical attention. Do not induce vomiting unless directed by medical personnel.

5. FIRE FIGHTING MEASURES

**Exttinguishing media:** water spray, carbon dioxide, dry chemical powder or appropriate foam.

**Special firefighting procedures:** wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

**Unusual fire and explosion hazards:** emits toxic fumes under fire conditions.

6. ACCIDENTAL RELEASE MEASURES

**Keep unnecessary people away:** isolate hazard area and deny entry.

**Small spills:** Take up with sand or other noncombustible absorbent material and place into containers for later disposal. Large spills: Dike far ahead of liquid spill for later disposal. Do not flush to sewer or waterways. Prevent release to the environment if possible.

7. HANDLING AND STORAGE

**Keep receptacles tightly sealed and store according to the instructions in the assay protocol.**

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Follow standard laboratory safety procedures, including wearing chemical safety goggles, face shield, gloves, NIOSH approved respiratory protection and protective clothing. Wash and dry hands.

9. PHYSICAL AND CHEMICAL PROPERTIES

Refer to 3. Composition/Information On Ingredients.

10. STABILITY AND REACTIVITY

**Thermal Decomposition:** no decomposition if used according to specifications. Dangerous Products of Decomposition: nitrogen and sulfur oxides. Dangerous Reactions: none.

11. TOXICOLOGICAL INFORMATION

The toxicological effects of this product have not been thoroughly studied. We recommend handling all chemicals with caution.

**Citic acid:** 
- LD50 Oral rat: 5,400 mg/kg; Inhalation: no data available;
- Dermal rat: >2,000 mg/kg; Skin corrosion/irritation: mild skin irritation (Rabbit);
- Serious eye damage/eye irritation: irritating to eyes (Rabbit).

**Brij 35:** 
- LD50 Oral rat: 1,000 mg/kg; Inhalation: no data available;
- Dermal: no data available; Skin corrosion/irritation: skin irritation (Rabbit);
- Serious eye damage/eye irritation: Severe eye irritation (Rabbit).

12. ECOLOGICAL INFORMATION

Avoid release into the environment. Runoff from fire control or dilution water may cause pollution.

13. DISPOSAL INFORMATION

Dispose in accordance with local, state or national regulations.

14. TRANSPORT INFORMATION

**Proper Shipping Name:** Assay Kits

**DOT (US):** Not dangerous goods.

**IMDG:** Not dangerous goods.

**IATA:** Not dangerous goods.

**Additional Transport Information:** transport in accordance with local, state and national regulations.

15. REGULARITY INFORMATION

**OSHA Hazards:** Target Organ Effect, Combustible Liquid.

**SARA 311/312 Hazards:** Fire Hazard, Chronic Health Hazard.

16. OTHER INFORMATION

The above information is believed to be accurate, but does not purport to be all inclusive and shall be used only as a guide. BioAssay Systems makes no warranty, express or implied, and assumes no responsibility as to the accuracy or suitability of such information or application to the User’s intended purpose or for consequences of its use. The Users should make independent decisions regarding the completeness of information based on all sources available.