



9620 Medical Center Drive  
Rockville, MD 20850, USA  
www.abpbio.com.cn

## Material Safety Data Sheet

### Section 1 Product and Company Identification

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**Product number:** P011  
**Product name:** **BCA Protein Assay Kit**  
**Unit Size:** 2500 assays  
**Manufacturer/Supplier:** ABP Biosciences Inc  
9620 Medical Center Drive, Rockville, MD 20850, USA  
Web: www.abpbiotech.com.cn

### Section 2 Hazardous Ingredients/Identity Information

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| Chemical Name | CAS-No    | EINECS-No | Weight % |
|---------------|-----------|-----------|----------|
| BCA Reagent A | Not Found | -         | 0.1-1.0  |
| BCA Reagent B | Not Found | -         | 0.1-1.0  |
| BSA standard  | Not Found | -         | 0.1-1.0  |

### Section 3 Physical and Chemical Properties

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|                                 |                          |
|---------------------------------|--------------------------|
| <b>Form</b>                     | Liquid                   |
| <b>Appearance</b>               | No information available |
| <b>Odor</b>                     | No information available |
| <b>Boiling point</b>            | No data available        |
| <b>Melting point</b>            | No data available        |
| <b>Flash point</b>              | No data available        |
| <b>Autoignition temperature</b> | No data available        |
| <b>Oxidizing properties</b>     | No information available |
| <b>Water solubility</b>         | Soluble                  |

### Section 4 Potential Health Hazard Effects

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|                              |  |
|------------------------------|--|
| <b>Eyes</b>                  | May cause eye irritation with susceptible persons. |
| <b>Skin</b>                  | May cause skin irritation in susceptible persons.  |
| <b>Inhalation</b>            | May be harmful by inhalation.                      |
| <b>Ingestion</b>             | May be harmful if swallowed.                       |
| <b>Carcinogenic effects</b>  | none   |
| <b>Reproductive toxicity</b> | none   |
| <b>Sensitization</b>         | none   |

### Section 5 Stability and Reactivity Data

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|                                |   |
|--------------------------------|---|
| <b>Stability</b>               | Stable under normal conditions.                             |
| <b>Materials to avoid</b>      | No dangerous reaction known under conditions of normal use. |
| <b>Hazardous decomposition</b> | None under normal use.                                      |
| <b>Polymerization</b>          | Hazardous polymerization does not occur.                    |



## Section 6 Toxicological and Ecological Information

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| Chemical Name | LD50 (oral, rat/mouse) | LD50 (dermal, rat/rabbit) | LC50 (inhalation, rat/mouse) |
|---------------|------------------------|---------------------------|------------------------------|
| BCA Reagent A | No data available      | No data available         | No data available            |
| BCA Reagent B | No data available      | No data available         | No data available            |
| BSA standard  | No data available      | No data available         | No data available            |

|                            |                           |
|----------------------------|---------------------------|
| <b>Ecotoxicity effects</b> | No information available. |
| <b>Mobility</b>            | No information available. |
| <b>Biodegradation</b>      | Inherently biodegradable. |
| <b>Bioaccumulation</b>     | Does not bioaccumulate.   |

## Section 7 Handling and Storage

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|                 |   |
|-----------------|---|
| <b>Handling</b> | Always wear recommended Personal Protective Equipment. No special handling advice required. |
| <b>Storage</b>  | Keep in a dry, cool and well-ventilated place.  |

## Section 8 First Aid Measures

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|                     |  |
|---------------------|--|
| <b>Skin contact</b> | Rinse with plenty of water. If symptoms arise, call a physician.   |
| <b>Eye contact</b>  | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.              |
| <b>Ingestion</b>    | Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Do not induce vomiting without medical advice. |
| <b>Inhalation</b>   | Move to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration.                                     |

## Section 9 Disposal Considerations

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Dispose of in accordance with local regulations.

## Section 10 Other Information

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For research use only. Not intended for human or animal diagnostic or therapeutic uses.

**End of Material Safety Data Sheet**