



**Non WHO Reference Material  
IPV ELISA MAb Type 1, 2 and 3  
NIBSC code: 234; 1050; 520  
Instructions for use  
(Version 2.0, Dated 19/01/2015)**

**This material is not for in vitro diagnostic use.**

**1. INTENDED USE**

Primary Monoclonal Antibody for use in the DU Ag ELISA for inactivated Polio Vaccine.

**2. CAUTION**

**This preparation is not for administration to humans or animals in the human food chain.**

The material is of bovine origin. The material is certified to be obtained from animals taken from a closed herd in the female line since 1980, in which no animal has been clinically suspected of having BSE & which has not been fed rations containing ruminant derived protein during that period. As with all materials of biological origin, this preparation should be regarded as potentially hazardous to health. It should be used and discarded according to your own laboratory's safety procedures. Such safety procedures should include the wearing of protective gloves and avoiding the generation of aerosols. Care should be exercised in opening ampoules or vials, to avoid cuts.

**3. UNITAGE**

No assigned unitage for these preparations. Customers are expected to validate a working dilution. See section 7.

**4. CONTENTS**

Country of origin of biological material: United Kingdom.

**5. STORAGE**

The material should be stored frozen at -20C

**Please note: because of the inherent stability of lyophilized material, NIBSC may ship these materials at ambient temperature.**

**6. DIRECTIONS FOR OPENING**

Vials have a screw cap; an internal stopper may also be present. The cap should be removed by turning anti-clockwise. Care should be taken to prevent loss of the contents. Please note: If a stopper is present on removal of the cap, the stopper should remain in the vial or be removed with the cap.

**7. USE OF MATERIAL**

The material can be diluted 1:100. However where possible the user should determine the working dilution depending on the requirements of the DU Ag ELISA.

**8. STABILITY**

Reference materials are held at NIBSC within assured, temperature-controlled storage facilities. Reference Materials should be stored on receipt as indicated on the label.

NIBSC follows the policy of WHO with respect to its reference materials.

**9. REFERENCES**

National Institute for Biological Standards and Control,  
Potters Bar, Hertfordshire, EN6 3QG. T +44 (0)1707 641000, [nibsc.org](http://nibsc.org)  
WHO International Laboratory for Biological Standards,  
UK Official Medicines Control Laboratory

**10. ACKNOWLEDGEMENTS**

**11. FURTHER INFORMATION**

Further information can be obtained as follows;  
This material: [enquiries@nibsc.org](mailto:enquiries@nibsc.org)  
WHO Biological Standards:  
<http://www.who.int/biologicals/en/>  
JCTLM Higher order reference materials:  
<http://www.bipm.org/en/committees/jc/jctlm/>  
Derivation of International Units:  
[http://www.nibsc.org/standardisation/international\\_standards.aspx](http://www.nibsc.org/standardisation/international_standards.aspx)  
Ordering standards from NIBSC:  
<http://www.nibsc.org/products/ordering.aspx>  
NIBSC Terms & Conditions:  
[http://www.nibsc.org/terms\\_and\\_conditions.aspx](http://www.nibsc.org/terms_and_conditions.aspx)

**12. CUSTOMER FEEDBACK**

Customers are encouraged to provide feedback on the suitability or use of the material provided or other aspects of our service. Please send any comments to [enquiries@nibsc.org](mailto:enquiries@nibsc.org)

**13. CITATION**

In all publications, including data sheets, in which this material is referenced, it is important that the preparation's title, its status, the NIBSC code number, and the name and address of NIBSC are cited and cited correctly.

**14. MATERIAL SAFETY SHEET**

Classification in accordance with Directive 2000/54/EC, Regulation (EC) No 1272/2008: Not applicable or not classified

| Physical and Chemical properties   |   |
|--|---|
| Physical appearance:<br>Pink Liquid  | Corrosive: No   |
| Stable: Yes  | Oxidising: No   |
| Hygroscopic: No  | Irritant: No  |
| Flammable: No  | Handling: See caution, Section 2                        |
| Other (specify): N/A   |   |
| Toxicological properties   |   |
| Effects of inhalation:   | Not established, avoid inhalation                       |
| Effects of ingestion:  | Not established, avoid ingestion                        |
| Effects of skin absorption:  | Not established, avoid contact with skin                |
| Suggested First Aid  |   |
| Inhalation:  | Seek medical advice                                     |
| Ingestion:   | Seek medical advice                                     |
| Contact with eyes:   | Wash with copious amounts of water. Seek medical advice |
| Contact with skin:   | Wash thoroughly with water.                             |
| Action on Spillage and Method of Disposal  |   |
| Spillage of ampoule contents should be taken up with absorbent material wetted with an appropriate disinfectant. Rinse area with an appropriate disinfectant followed by water.<br>Absorbent materials used to treat spillage should be treated as biological waste. |   |

**15. LIABILITY AND LOSS**

In the event that this document is translated into another language, the English language version shall prevail in the event of any inconsistencies between the documents.



Unless expressly stated otherwise by NIBSC, NIBSC's Standard Terms and Conditions for the Supply of Materials (available at [http://www.nibsc.org/About\\_Us/Terms\\_and\\_Conditions.aspx](http://www.nibsc.org/About_Us/Terms_and_Conditions.aspx) or upon request by the Recipient) ("Conditions") apply to the exclusion of all other terms and are hereby incorporated into this document by reference. The Recipient's attention is drawn in particular to the provisions of clause 11 of the Conditions.

**16. INFORMATION FOR CUSTOMS USE ONLY**

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|---|
| <b>Country of origin for customs purposes*:</b> United Kingdom<br>* Defined as the country where the goods have been produced and/or sufficiently processed to be classed as originating from the country of supply, for example a change of state such as freeze-drying. |
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| <b>Net weight:</b> 0.6g |
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| <b>Toxicity Statement:</b> Non-toxic |
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| <b>Veterinary certificate or other statement</b> if applicable. |
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| <b>Attached:</b> No |
|---------------------|