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| **Description** | **Polyclonal rabbit antiserum to bovine erythrocytes** |
| **Product code** | RAB/Ery |
| **Biological origin** | Rabbit |
| **Physical form** | Delipidated, heat inactivated, lyophilized, stable whole antiserum |
| **Preservative** | No preservative added. |
| **Immunogen** | Washed whole erythrocytes were prepared from fresh blood and used for intravenous immunization.<br>Freund's complete adjuvant is used in the first step of the immunization procedure. |
| **Adsorption** | No adsorption required. |
| **Cross-reactivity** | Homologous proteins of different species frequently share antigenic determinants. Cross-reactivity has not been tested. |
| **Protein concentration** | Total protein and IgG concentrations in the antiserum are comparable to those in pooled rabbit serum. No foreign proteins added. |
| **Antibody titre** | Haemolytic titre, at which 50% lysis occurs following mixing of equal volumes of antiserum, guinea pig complement (at a 1:60 dilution) and 2% RBC, not less than 1:500 when tested with bovine erythrocytes. |
| **Intended use** | To sensitize cells in haemolytic complement assays and for screening of T and T receptor-bearing lymphocytes. |
| **Handling** | The lyophilized antiserum is shipped at ambient temperature and may be stored at +4°C; prolonged storage at or below -20°C. Reconstitute the lyophilized antiserum by adding 1 ml sterile distilled water. Dilutions may be prepared by adding phosphate buffered saline (PBS, pH 7.2). Repeated thawing and freezing should be avoided. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance of the antiserum.<br>Diluted antiserum should be stored at +4°C, not refrozen, and preferably used the same day. |
| **Packing** | Vial with 1 ml lyophilized antiserum. |
| **Storage / shelf life** | Lyophilized at +4°C — at least 10 years<br>reconstituted at or below -20°C — 3-5 years<br>reconstituted at +4°C — 7 days |
| **Caution** | This product should be handled by qualified persons only and appropriate precautions should be taken in its handling and disposal, and of all associated materials. For *in vitro* laboratory research purposes only. |

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