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Product Specification

Product Name:
Complement Serum Standard human - aqueous solution

Product Number: **C9473**

Storage Temperature: -70 °C

| TEST | Specification |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| mg protein/ml (UV) | 50 - 75 |
| Activity | ≥ 75 |
| Activity is expressed as CH50 units/ml. Whole Component Classic Pathway; One CH50 unit is defined as the input of NHS complement standard yielding 50% lysis of 1×10^8 EA when incubated for 60 min at 37 deg C in a total reaction volume of 1.5 mL | |
| Activity | ≥ 75 |
| Activity expressed as AP50 Units/ml Whole Alternative Pathway; One AP50 unit is defined as the input of NHS complement standard yielding 50% lysis of 1.5×10^7 rabbit erythrocytes when incubated for 30 min at 37 deg C in a total reaction volume of 75 uL containing a final Mg - EDTA concentration of 13.3 mM. | |
| Tested For Infectious Agents | Tested |

Specification: PRD.3.ZQ5.10000034483

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.