



**Australian Government**  
**Department of Health**  
Therapeutic Goods Administration

**A/Singapore/INFIMH-16-0019/2016 - like ANTISERUM REAGENT**  
**FOR SINGLE RADIAL IMMUNODIFFUSION (SRID) ASSAY OF**  
**INFLUENZA VIRUS HAEMAGGLUTININ**  
**TGA Lot: AS424 (DOM: October 2018)**

**1. INTRODUCTION**

Influenza antiserum reagent TGA Lot AS424 is prepared for single radial Immunodiffusion (SRID) assay of A/Singapore/INFIMH-16-0019/2016-like antigens.

**2. UNITAGE**

No unitage is assigned to this material.

**3. CONTENTS**

Country of origin of biological material: Australia

Animal Species: Domestic sheep (*Ovis aries*)

Donor Sheep Breed: Australian Merino Cross

The sheep originated, were continuously reared and slaughtered in Australia.

The purified haemagglutinin (HA) used to immunise sheep was derived from a betapropiolactone ( $\beta$ PL) inactivated pool of A/Singapore/INFIMH-16-0019/2016 (IVR-186) virus. The HA was purified using a protease treatment step prior to further downstream purification. This antiserum was prepared in sheep to the purified HA of A/Singapore/INFIMH-16-0019/2016 (IVR-186) virus. All sheep used in the production of antisera were inspected by a veterinary surgeon prior to terminal bleed confirming their disease free status. The antiserum contains 0.1% sodium azide as preservative.

**4. CAUTION**

**THIS PREPARATION IS NOT FOR ADMINISTRATION TO HUMANS.**

The preparation does not contain material of human origin. 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 probably will include the wearing of protective gloves and avoiding the generation of aerosols. Care should be exercised in opening ampoules or vials, to avoid cuts.

**5. USE OF MATERIAL**

For SRID testing of influenza virus antigens; this antiserum is suitable for the testing of A/Singapore/INFIMH-16-0019/2016 antigens. For the TGA antigen A/Singapore/INFIMH-16-0019/2016 Lot 2017/120B and Lot 2018/123B containing approximately 20-30  $\mu$ g HA

per mL, add 2µL of the undiluted antiserum to 1 mL of agarose. It may be necessary to change the antiserum concentration according to local laboratory conditions.

Antiserum reagent AS424 should be used according to the method described by Wood, JM, Schild, GC, Newman, RW, and Seagroatt, VA, Journal of Biological Standardisation, 1977, 5, 237-247.

## **6. STABILITY**

It is the policy of WHO not to assign an expiry date to their international reference materials. TGA follows the policy of WHO with respect to its reference materials and they remain valid with the assigned potency and status until withdrawn or amended. Reference Materials should be stored on receipt as indicated on the label.

## **7. CITATION**

In all publications (or data sheets for immunoassay kits) in which this preparation is used as an assay calibrant, it is important that the title of the preparation, vial code and the name and address of TGA are cited correctly.

## **8. PRODUCT LIABILITY**

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In the event of any replacement of goods following loss or damage a customer accepts as a condition of receipt of a replacement product, acceptance of the fact that the replacement is not to be construed as an admission of liability on TGA's behalf.

## **9. SAFETY DATA SHEET**

Please refer to the hardcopy of the SDS supplied with the product.

## **10. FURTHER INFORMATION**

For further information regarding this product please email:  
[influenza.reagents@health.gov.au](mailto:influenza.reagents@health.gov.au)

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