

## REFERENCE MATERIAL CERTIFICATE

**Name:** *Alphainfluenzavirus, Influenza A virus, H5N5 subtype*

**Strain:** *A/wigeon/Italy/16VIR9616-3/2016, Eurasian lineage, clade 2.3.4.4b*

**Pathotype:** HPAI

**Matrix:** Allantoic fluid

**Culture system:** SPF embryonated chicken eggs

**No. passages:** 4

**Batch:** -

**Manufacturing date:** -

**Expiry date:** -  
The product is stable under recommended storage and handling conditions

**Format:** Lyophilized

**Quantity:**  $\leq 1$  g

**Viability:** Inactivated

**Inactivation:** Beta propiolactone treatment

**Titer:** -

**Analytical method:** Haemagglutination (HA) test

**Identification method:** Haemagglutination Inhibition (HI) test

**Intended use:** Haemagglutination Inhibition (HI) test

**Storage:** Lyophilized:  $\leq + 8^{\circ}\text{C}$ ; Reconstituted:  $\leq - 70^{\circ}\text{C}$

**Handling and recommendations:** Lyophilized content of the vial should be reconstituted with 1 mL distilled water to its initial concentration shortly before use. Material should be re-hydrated for 30 mins with gentle mixing prior processing. Once reconstituted, the product should be stored frozen in small aliquots that can be thawed individually on day of use. It is recommended to avoid frequent freeze-thaw cycles that may alter the properties of the product

**Safety note:** Standard Laboratory Procedures should be followed when handling the material

**For *in vitro* use only**

Date

Head of the Laboratory

The Istituto Zooprofilattico Sperimentale delle Venezie works in accordance with UNI CEI EN ISO/IEC 17025 and ISO 9001 guidelines

## REFERENCE MATERIAL CERTIFICATE

**Name:** Chicken serum

**Immunogen:** None

**Source:** SPF chickens

**Batch:** -

**Manufacturing date:** -

**Expiry date:** -  
The product is stable under recommended storage and handling conditions

**Format:** Lyophilized

**Quantity:**  $\leq 1$  g

**Inactivation:** Untreated

**Titer:** Undetectable

**Analytical method:** Haemagglutination Inhibition (HI) test

**Intended use:** Haemagglutination Inhibition (HI) test, Agar Gel Immunodiffusion (AGID), ELISA, serum neutralisation test

**Storage:** Lyophilized:  $\leq + 8^{\circ}\text{C}$ ; Reconstituted:  $\leq - 18^{\circ}\text{C}$

**Handling and recommendations:** Lyophilized content of the vial should be reconstituted with 1 mL distilled water to its initial concentration shortly before use. Material should be re-hydrated for 30 mins with gentle mixing prior processing. Once reconstituted, the product should be stored frozen in small aliquots that can be thawed individually on day of use. It is recommended to avoid frequent freeze-thaw cycles that may alter the properties of the product

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