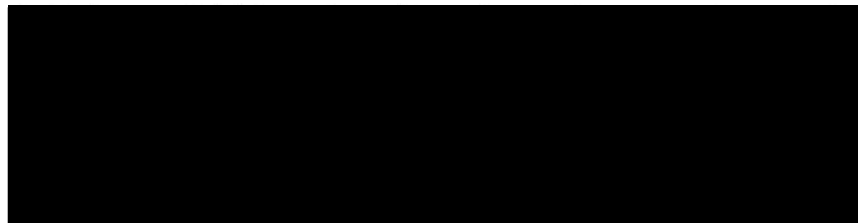




## FMD Vaccine Matching Strain Differentiation Report

Lab Reference WRL batch Number: WRLFMD/2013/00018

Sender Details:

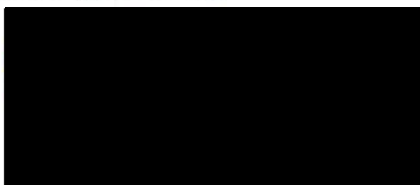


Date Received: 12<sup>th</sup> August 2013  
Country of Origin: MONGOLIA  
Date Reported: 17<sup>th</sup> September 2013

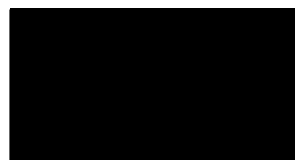
2dmVNT	
Field Isolates:	Vaccine: A Irn05
A/MOG/1/2013 (mean)	0.32
A/MOG/5/2013 (mean)	0.39

**Background:** These results were generated using pooled sera from six goats (Goat-1 Vac/Go/6-11/2011) vaccinated in Mongolia with bivalent (O/A) vaccine. The pooled sera was tested at WRLFMD using two recent field virus strains from Mongolia employing a reference A Iran-05 virus strain which is routinely used for vaccine matching studies as the homologous virus.

Results Approved By:



Official Stamp:



Date: 17/9/2013

c.c.:



To help us improve the quality of our service, please send any suggestions or requests to the Reference Laboratory by fax (+44 (0)1483 232621) or email (trish.ryder@pirbright.ac.uk). The Pirbright Institute actively seeks and appreciates feedback, if you would like to offer feedback please complete the WRLFMD survey: <http://www.surveymonkey.com/s/WRLFMD>

## **Interpretation of Results**

### **In the case of Virus Neutralisation Test (VNT):**

$r_1 = \geq 0.3$ . Suggests that there is a close relationship between field isolate and vaccine strain. A potent vaccine containing the vaccine strain is likely to confer protection.

$r_1 = < 0.3$ . Suggests that the field isolate is so different from the vaccine strain that the vaccine is unlikely to protect.

ND = Not done.