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| то: | | FROM: | | |
|--------|-------------------------------|---------|-------------------------------|--|
| DATE: | 11.2.2008 | FAX NO: | | |
| PAGES: | 1 | RE: | Strain differentiation report | |
| Dear | | | | |
| | V: : 1-4 A -: - 1/IZDC/1/2004 | | | |

Virus isolates: Asia1/KRG/1/2004,

Strain differentiation results have now been obtained for the above Asia 1 FMD virus isolate received on 22nd March 2007 from Kyrgyzstan.

| | r ₁ Values by Virus Neutralisation Test | |
|----------------|--|---------------|
| WRL Ref Number | Asia 1 Ind | Asia 1 Shamir |
| KRG 1/2004 | 0.31 | 0.51 |

In the case of neutralisation:

 $r_1 = \ge 0.3$. 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.

The Institute is grant-aided by the Biotechnology and Biological Sciences Research Council. It is a company limited by guarantee, registered in England No.559784 Registered Office: Compton, Berks RG20 7NN. Charity Commission Reference Number 228824 Yours sincerely

Head: World Reference Laboratory for FMD

Cc: