



Institute for Animal Health

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Acting Head of Site: Dr John Anderson MBE

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Dear [REDACTED]

Virus isolates: Asia1/NKR /2/2007

Strain differentiation results have now been obtained for the above Asia 1 FMD virus isolate received on 6th July 2007 from North Korea.

	r₁ Values by Virus Neutralisation Test	
WRL Ref Number	Asia 1 Ind	Asia 1 Shamir
NKR 2/2007	0.28	0.45

In the case of neutralisation:

$r_1 = \geq 0.3$. 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.

Yours sincerely



Head: World Reference Laboratory for FMD

Cc: [REDACTED]