

### **KBMO 2019-nCoV IgM and IgG Rapid Test**

Blood from a finger stick was blotted onto filter paper and dried followed by extraction of IgM and IgG from the dried blood spots (DBS). Serum from each sample and the extracted IgM/G from the DBS was analyzed using the nCoV rapid test. As you can see there is a 98.84% agreement between Serum and DBS IgM and IgG.

Sample	IgM %	IgG %	# of samples
<b>Negatives</b>	Blood Spot	Blood Spot	40
Sensitivity	100 (40/40)	100 (40/40)	-
Specificity	100 (40/40)	97.50 (39/40)	-
False Negative	0 (0/40)	0 (40/40)	-
False Positive	0 (0/40)	2.50 (1/40)	1
<b>Positives</b>			46
Sensitivity	97.83 (45/46)	100 (46/46)	-
Specificity	97.83 (45/46)	100 (46/46)	-
False Negative	2.17 (1/46)	0 (0/46)	-
False Positive	2.17 (1/46)	0 (0/46)	-
Overall agreement with Serum			98.84% (85/86)