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| Step | Problem | Possible Reason | Solution |
| 13 | Low signal | Selected MOI incorrect | Re-titrate virus to assure correct MOI used in the assay |
| 13 | False positive results around the plate edges | Evaporation of well contents | Only add media to edge wells |
| 13 | Increased frequency of false positive/negative signals on the plate | Growth in cell control wells not representative of sample wells | Media used in cell control wells must be representative of media used for production of the B-cell supernatants. |
| 13 | High signals in all wells surrounding any wells with high signal. | Cross-talk between wells as read by luminometer | Use a luminometer with demonstrated low cross talk for reading 384 well plates |