

## AccuSpan<sup>™</sup> EBV

### Linearity Panel

2410-0345 / Batch #10688244

#### OVERVIEW

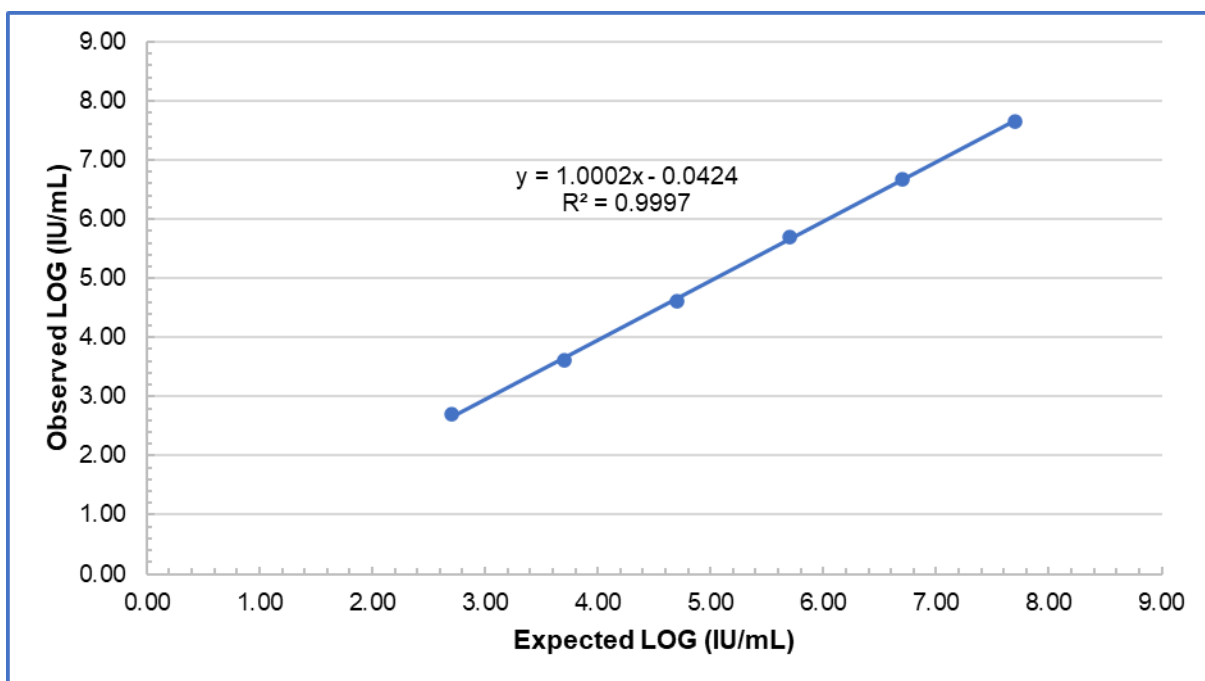
The AccuSpan<sup>™</sup> EBV Linearity Panel 2410-0345 / Batch #10688244 is an eight-member panel consisting of seven members representing serial log dilutions of cultured EBV (Epstein-Barr virus), with established reactivity for EBV DNA, in EBV DNA negative diluent. This panel also consists of one negative member prepared from the diluent. The diluent was prepared from normal human plasma that was 0.2 micron filtered. Sodium azide (0.09%) was added as a preservative.

Roche cobas<sup>®</sup> 6800/8800 EBV Assay results are reported for each panel member. Linearity is shown graphically by plotting observed results against expected results. The WHO International Standard was tested in the same run as the AccuSpan<sup>™</sup> EBV Linearity Panel members. Both expected and observed results for the standards are reported; the expected values from the WHO standard are based upon application of a dilution factor to the WHO assigned value.

For Research Use Only. Not for use in diagnostic procedures. Data are offered for informational purposes. LGC SeraCare Life Sciences does not claim that others can duplicate test results exactly.

CAUTION: These materials have not been treated and should be considered biohazardous. Follow Universal Precautions.

AccuSpan<sup>™</sup> EBV Linearity Panel



EBV DNA results were obtained using the Roche cobas<sup>®</sup> 6800/8800 EBV test method. A line of best fit is shown.

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## EBV DNA

Roche cobas® 6800/8800  
EBV Test<sup>1</sup>

| Panel Member   | Results (IU/mL)                                   | log (IU/mL)     |
|----------------|---|-----------------|
| 01             | <b>4.44 x 10<sup>7</sup></b>                      | <b>7.65</b>     |
| 02             | <b>4.72 x 10<sup>6</sup></b>                      | <b>6.67</b>     |
| 03             | <b>4.94 x 10<sup>5</sup></b>                      | <b>5.69</b>     |
| 04             | <b>4.11 x 10<sup>4</sup></b>                      | <b>4.61</b>     |
| 05             | <b>4.20 x 10<sup>3</sup></b>                      | <b>3.62</b>     |
| 06             | <b>4.93 x 10<sup>2</sup></b>                      | <b>2.69</b>     |
| 07             | <b>&lt;3.50 x 10<sup>1</sup></b>                  | <b>&lt;1.54</b> |
| 08             | TND   | TND             |
| Test Date      | 07-Feb-2024                                       |                 |
| Test Site      | RL  |                 |
| Test Kit Range | 35.0 – 100,000,000 IU/mL<br>1.54 – 8.00 log IU/mL |                 |
| Kit Part Code  | NA  |                 |
| Kit Lot No.    | NA  |                 |
| Kit Exp. Date  | NA  |                 |

<sup>1</sup>Results are reported as the mean result of three replicates; positive/reactive results are noted in bold red.  
TND = Target Not Detected; RL = Reference Lab; NA = Not Available

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WHO International Standard: 1<sup>st</sup> EBV International Standard (NIBSC Code: 09/260)

| Sample ID      | Expected Values<br>(log IU/mL) | Observed Values on Roche<br>cobas® 6800/8800      |                           |
|----------------|--------------------------------|---|---------------------------|
|                |                                | EBV Test<br>(log IU/mL) <sup>1</sup>              | % Difference <sup>2</sup> |
| 01             | 5.70                           | <b>5.87</b>                                       | 3.04                      |
| 02             | 4.70                           | <b>4.76</b>                                       | 1.39                      |
| 03             | 3.70                           | <b>3.78</b>                                       | 2.31                      |
| Test Date      |                                | 07-Feb-2024                                       |                           |
| Test Site      |                                | RL  |                           |
| Test Kit Range |                                | 35.0 – 100,000,000 IU/mL<br>1.54 – 8.00 log IU/mL |                           |
| Kit Part Code  |                                | NA  |                           |
| Kit Lot No.    |                                | NA  |                           |
| Kit Exp. Date  |                                | NA  |                           |

<sup>1</sup>WHO panel was tested in the same test run as the AccuSpan™ EBV Linearity Panel members. Samples were run in triplicate. Positive/reactive results are noted in bold red.

<sup>2</sup>Percentage difference is how much the observed log concentration differs from the expected log concentration. Values calculated for reference only. Laboratories may use the data to apply a correction factor to the test results.

RL = Reference Lab; NA = Not Available

The package insert for this panel can be found at [www.seracare.com](http://www.seracare.com).

A printed copy of the package insert or data sheet may be requested by email at [CDx-Info@LGCGroup.com](mailto:CDx-Info@LGCGroup.com) or by phone at 508.244.6400.