



## Morinaga Institute of Biological Science, Inc.

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June 4, 2021

# Quality Control Report

Morinaga Institute of Biological Science, Inc.

Quality Assurance Department

Manager:

M. Monta

### Product:

| Product name        | Batch number | Expiration date |
|---------------------|--------------|-----------------|
| Casein ELISA Kit II | 21JUSFCS102  | JUN.03 2022     |

The product kit, batch 21JUSFCS102, passed the quality control.

### (1) Absorbance of the standard curve

(Assay date: June 4, 2021)

| STD<br>(ng/mL) | 1     | 2     | 3     | 4     | Ave.  | CV<br>(%) |
|----------------|-------|-------|-------|-------|-------|-----------|
| 0              | 0.007 | 0.008 | 0.008 | 0.007 | 0.008 |           |
| 0.78           | 0.046 | 0.045 | 0.045 | 0.045 | 0.045 | 1.1       |
| 1.56           | 0.089 | 0.084 | 0.080 | 0.083 | 0.084 | 4.5       |
| 3.13           | 0.157 | 0.157 | 0.153 | 0.154 | 0.155 | 1.3       |
| 6.25           | 0.300 | 0.297 | 0.285 | 0.294 | 0.294 | 2.2       |
| 12.5           | 0.587 | 0.573 | 0.550 | 0.571 | 0.570 | 2.7       |
| 25             | 1.075 | 1.086 | 1.024 | 1.047 | 1.058 | 2.6       |
| 50             | 1.930 | 1.927 | 1.889 | 1.953 | 1.925 | 1.4       |

### (2) Results of the Test materials

| Positive Control | Protein content(μg/g) | Standard value |
|------------------|-----------------------|----------------|
| A                | 9.9                   | 8.5-15.7       |
| B                | 6.4                   | 5.9-10.9       |
| C                | 6.6                   | 4.9-9.0        |