



Morinaga Institute of Biological Science, Inc.

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February 19, 2021

Quality Control Report

Morinaga Institute of Biological Science, Inc.

Quality Assurance Department

Manager:

Product:

| Product name | Batch number | Expiration date |
|-------------------------------------|--------------|-----------------|
| Wheat/Gluten (Gliadin) ELISA Kit II | 21FESFGD085 | FEB. 18 2022 |

The product kit, batch 21FESFGD085, passed the quality control.

(1) Absorbance of the standard curve

(Assay date :February 19, 2021)

| STD (ng/mL) | 1 | 2 | 3 | 4 | Ave. | CV (%) |
|----------------|-------|-------|-------|-------|-------|-----------|
| 0 | 0.005 | 0.004 | 0.004 | 0.005 | 0.005 | |
| 0.78 | 0.035 | 0.034 | 0.034 | 0.034 | 0.034 | 1.5 |
| 1.56 | 0.065 | 0.063 | 0.063 | 0.064 | 0.064 | 1.5 |
| 3.13 | 0.133 | 0.126 | 0.128 | 0.127 | 0.129 | 2.4 |
| 6.25 | 0.264 | 0.253 | 0.260 | 0.258 | 0.259 | 1.8 |
| 12.5 | 0.530 | 0.528 | 0.533 | 0.522 | 0.528 | 0.9 |
| 25 | 1.087 | 1.069 | 1.074 | 1.087 | 1.079 | 0.9 |
| 50 | 2.049 | 1.994 | 2.023 | 2.040 | 2.027 | 1.2 |

(2) Results of the Test materials

| Positive Control | Protein content(μg/g) | Standard value |
|------------------|-----------------------|----------------|
| A | 10.7 | 6.6-12.2 |
| B | 9.4 | 5.6-10.4 |
| C | 10.5 | 7.0-13.1 |