



Morinaga Institute of Biological Science, Inc.

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June 19, 2020

Quality Control Report

Morinaga Institute of Biological Science, Inc.

Quality Assurance Department

Manager:

Product:

| Product name | Batch number | Expiration date |
|---------------------|--------------|-----------------|
| Peanut ELISA Kit II | 20JUSFPE052 | JUN.18 2021 |

The product kit, batch 20JUSFPE052, passed the quality control.

(1) Absorbance of the standard curve

(Assay date : June 19, 2020)

| STD (ng/mL) | 1 | 2 | 3 | 4 | Ave. | CV (%) |
|----------------|-------|-------|-------|-------|-------|-----------|
| 0 | 0.007 | 0.006 | 0.006 | 0.007 | 0.007 | |
| 0.78 | 0.044 | 0.042 | 0.043 | 0.041 | 0.043 | 3.0 |
| 1.56 | 0.085 | 0.081 | 0.079 | 0.079 | 0.081 | 3.5 |
| 3.12 | 0.162 | 0.157 | 0.156 | 0.154 | 0.157 | 2.2 |
| 6.25 | 0.319 | 0.301 | 0.305 | 0.302 | 0.307 | 2.7 |
| 12.5 | 0.613 | 0.585 | 0.568 | 0.580 | 0.587 | 3.2 |
| 25 | 1.134 | 1.097 | 1.072 | 1.071 | 1.094 | 2.7 |
| 50 | 2.049 | 1.963 | 1.956 | 1.923 | 1.973 | 2.7 |

(2) Results of the Test materials

| Positive Control | Protein content(μg/g) | Standard value |
|------------------|-----------------------|----------------|
| A | 6.1 | 5.0-9.3 |
| B | 7.8 | 6.4-11.8 |
| C | 3.3 | 2.6-4.9 |