



Morinaga Institute of Biological Science, Inc.

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November 26, 2019

Quality Control Report

Morinaga Institute of Biological Science, Inc.

Quality Assurance Department

Manager:

Product:

| Product name | Batch number | Expiration date |
|------------------------------------|--------------|-----------------|
| High Sensitive Peanut ELISA Kit II | 19SESFHP002 | JUL.09 2020 |

The product kit, batch 19SESFHP002, passed the quality control.

(1) Absorbance of the standard curve

(Assay date : November 26, 2019)

| STD (ng/mL) | 1 | 2 | 3 | 4 | Ave. | CV (%) |
|----------------|-------|-------|-------|-------|-------|-----------|
| 0 | 0.046 | 0.044 | 0.044 | 0.042 | 0.044 | 3.7 |
| 0.5 | 0.083 | 0.079 | 0.085 | 0.082 | 0.082 | 3.0 |
| 1 | 0.120 | 0.116 | 0.116 | 0.114 | 0.117 | 2.2 |
| 2 | 0.193 | 0.184 | 0.189 | 0.187 | 0.188 | 2.0 |
| 4 | 0.333 | 0.317 | 0.318 | 0.320 | 0.322 | 2.3 |
| 8 | 0.599 | 0.571 | 0.569 | 0.579 | 0.580 | 2.4 |
| 16 | 1.121 | 1.058 | 1.066 | 1.061 | 1.077 | 2.8 |
| 32 | 2.116 | 2.060 | 1.945 | 2.018 | 2.035 | 3.5 |

(2) Results of the Test materials

| Positive Control | Protein content(μg/g) | Standard value |
|------------------|-----------------------|----------------|
| A | 7.7 | 5.4-9.9 |
| B | 8.3 | 6.1-11.4 |
| C | 7.6 | 5.5-10.3 |