

List of GMO detection related products

ver. 34

References

1. Food and Agricultural Materials Inspection Center: Japanese Agricultural Standard (JAS) analytical test handbook
2. Consumer Affairs Agency, Government of Japan: Labeling Guide
3. Ministry of Health, Labour and Welfare of Japan: Testing for Food Produced by Recombinant DNA Techniques

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GMO specific sequences

Plasmid

| Code No. | Product Name | Component | Concentration | Volume (Size) | Price (JPY) |
|-----------|---|-----------|---------------|----------------|-------------|
| 318-06031 | GMO Detection No Template Control-ColE1/TE- | ColE1/TE | 5 ng/ μ l | 90 μ l x 2 | 13,400 |

Primers & Probe

| Code No. | Product Name | Component | Concentration | Volume (Size) | Price (JPY) |
|-----------|---|--|-------------------------------|----------------------------|----------------|
| 313-05621 | GMO Detection P35S Oligonucleotide Set | P35S 1-5' & 3' P35S-Taq | 25 μ M each 10 μ M | 180 μ l 180 μ L | 1Set 40,000 |
| 310-05631 | GMO Detection NOS Oligonucleotide Set | NOS ter 2-5' & NOS ter 2-3' NOS-Taq | 25 μ M each 10 μ M | 180 μ l 180 μ l | 1Set 40,000 |
| 310-08551 | GMO Detection NOS Oligonucleotide Set 2 | NOS ter 3-5' & NOS ter 2-3' NOS-Taq | 25 μ M each 10 μ M | 180 μ l 180 μ l | 1Set 40,000 |

Primers

| Code No. | Product Name | Component | Concentration | Volume (Size) | Price (JPY) |
|-----------|---|-----------------------------|-----------------|---------------|-------------|
| 317-05521 | GMO Detection P35S-1 Oligonucleotide | P35S 1-5' & P35S 1-3' | 25 μ M each | 60 μ l | 15,600 |
| 313-05523 | | | | 180 μ l | 25,400 |
| 314-05531 | GMO Detection NOS ter-2 Oligonucleotide | NOS ter 2-5' & NOS ter 2-3' | 25 μ M each | 60 μ l | 15,600 |
| 310-05533 | | | | 180 μ l | 25,400 |

Soybean

Standard Plasmid for quantitative analysis

| Code No. | Product Name | Component | Concentration | Volume | (Size) | Price (JPY) |
|-------------------------------------|---|----------------------|----------------------|-------------|--------|-------------|
| 316-05971 | GM Soybean(RRS) Detection Plasmid Set-ColE1/TE- | ColE1/TE | 5 ng/μl | 90 μl x 2 | 1Set | 41,200 |
| | | Soy-ColE1/TE- 20 | 20copies/2.5 μl | 90 μl x 2 | | |
| | | Soy-ColE1/TE- 125 | 125copies/2.5 μl | 90 μl x 2 | | |
| | | Soy-ColE1/TE- 1.5k | 1,500copies/2.5 μl | 90 μl x 2 | | |
| | | Soy-ColE1/TE- 20k | 20,000copies/2.5 μl | 90 μl x 2 | | |
| | | Soy-ColE1/TE- 250k | 250,000copies/2.5 μl | 90 μl x 2 | | |
| 315-07381 | GM Soybean(LLS) Detection Plasmid Set-ColE1/TE- | ColE1/TE | 5 ng/μl | 90 μl x 2 | 1Set | 41,200 |
| | | LLS-ColE1/TE- 20 | 20copies/2.5 μl | 90 μl x 2 | | |
| | | LLS-ColE1/TE- 125 | 125copies/2.5 μl | 90 μl x 2 | | |
| | | LLS-ColE1/TE- 1.5k | 1,500copies/2.5 μl | 90 μl x 2 | | |
| | | LLS-ColE1/TE- 20k | 20,000copies/2.5 μl | 90 μl x 2 | | |
| | | LLS-ColE1/TE- 250k | 250,000copies/2.5 μl | 90 μl x 2 | | |
| *1 316-07671 | GM Soybean(RR2) Detection Plasmid Set-ColE1/TE- | ColE1/TE | 5 ng/μl | 90 μl x 2 | 1Set | 53,400 |
| RR2-ColE1/TE- 20 | | 20copies/2.5 μl | 90 μl x 2 | | | |
| RR2-ColE1/TE- 125 | | 125copies/2.5 μl | 90 μl x 2 | | | |
| RR2-ColE1/TE- 1.5k | | 1,500copies/2.5 μl | 90 μl x 2 | | | |
| RR2-ColE1/TE- 20k | | 20,000copies/2.5 μl | 90 μl x 2 | | | |
| RR2-ColE1/TE- 250k | | 250,000copies/2.5 μl | 90 μl x 2 | | | |
| *1 316-09131 | GM Soy Δ Δ Cq Standard Plasmid Set | ColE1/TE | 5ng/ μ L | 180 μ L x 2 | 1Set | 41,200 |
| GM Soy Δ Δ Cq Standard Plasmid 50 | | 50copies/ μ L | 120 μ L x 2 | | | |
| GM Soy Δ Δ Cq Standard Plasmid 100K | | 100,000copies/ μ L | 60 μ L x 2 | | | |
| | | | | | | |

*1 If you would purchase reagents for RR2 detection, please send us an order request form each time you order.

We also need to receive the signed hard copy of the form.

Primers & Probe

| Code No. | Product Name | Component | Concentration | Volume | (Size) | Price (JPY) |
|-----------|--|-------------------------|---------------|--------|--------|-------------|
| 319-05601 | GM Soybean(RRS) Detection Le1(for endogenous gene) Oligonucleotide Set | Le1n 02-5' & 3' | 25 μM each | 180 μl | 1Set | 40,000 |
| | | Le1-Taq | 10 μM | 180 μl | | |
| 316-05611 | GM Soybean(RRS) Detection RRS Oligonucleotide Set | RRS 01-5' & 3' | 25 μM each | 180 μl | 1Set | 40,000 |
| | | RRS-Taq | 10 μM | 180 μl | | |
| 312-07391 | GM Soybean(LLS) Detection LLS Oligonucleotide Set | KVM175 & SMO001 | 25 μM each | 180 μl | 1Set | 40,000 |
| | | TM031-Taq | 10 μM | 180 μl | | |
| 319-07661 | GM Soybean(RR2) Detection RR2 Oligonucleotide Set | MON89788-F & MON89788-R | 25 μM each | 180 μl | 1Set | 40,000 |
| | | MON89788-P | 10 μM | 180 μl | | |

Plasmid, Primers

| Code No. | Product Name | Component | Concentration | Volume | (Size) | Price (JPY) |
|-----------|--|-------------------------|---------------|--------|--------|-------------|
| 311-04941 | GM Soybean(RRS) Detection Positive Control Plasmid | | | 50 μl | | 15,600 |
| 313-05501 | GM Soybean(RRS) Detection Le1n02 (for endogenous gene) Oligonucleotide | Le1n 02-5' & Le1n 02-3' | 25 μM each | 60 μl | | 15,600 |
| | | | | 180 μl | | 25,400 |
| 310-05511 | GM Soybean(RRS) Detection RRS-01 Oligonucleotide | RRS 01-5' & RRS 01-3' | 25 μM each | 60 μl | | 15,600 |
| 316-05513 | | | | 180 μl | | 25,400 |

Maize

Standard Plasmid for quantitative analysis

| Code No. | Product Name | Component | Concentration | Volume | (Size) | Price (JPY) |
|-----------|--|---|---------------------------|-----------------|--------|-------------|
| 313-05981 | GM Maize Detection Plasmid Set-ColE1/TE- | ColE1/TE | 5 ng/ μ l | 90 μ l x 2 | 1Set | 41,200 |
| | | Maize-ColE1/TE- 20 | 20copies/2.5 μ l | 90 μ l x 2 | | |
| | | Maize-ColE1/TE- 125 | 125copies/2.5 μ l | 90 μ l x 2 | | |
| | | Maize-ColE1/TE- 1.5k | 1,500copies/2.5 μ l | 90 μ l x 2 | | |
| | | Maize-ColE1/TE- 20k | 20,000copies/2.5 μ l | 90 μ l x 2 | | |
| | | Maize-ColE1/TE- 250k | 250,000copies/2.5 μ l | 90 μ l x 2 | | |
| 318-08351 | GM Maize (MIR604) Detection Plasmid Set -ColE1/TE- | ColE1/TE | 5 ng/ μ l | 90 μ l x 2 | 1Set | 41,200 |
| | | MIR604-ColE1/TE- 20 | 20copies/2.5 μ l | 90 μ l x 2 | | |
| | | MIR604-ColE1/TE- 125 | 125copies/2.5 μ l | 90 μ l x 2 | | |
| | | MIR604-ColE1/TE- 1.5k | 1,500copies/2.5 μ l | 90 μ l x 2 | | |
| | | MIR604-ColE1/TE- 20k | 20,000copies/2.5 μ l | 90 μ l x 2 | | |
| | | MIR604-ColE1/TE- 250k | 250,000copies/2.5 μ l | 90 μ l x 2 | | |
| 312-08371 | GM Maize (MIR162) Detection Plasmid Set -ColE1/TE- | ColE1/TE | 5 ng/ μ l | 90 μ l x 2 | 1Set | 41,200 |
| | | MIR162-ColE1/TE- 20 | 20copies/2.5 μ l | 90 μ l x 2 | | |
| | | MIR162-ColE1/TE- 125 | 125copies/2.5 μ l | 90 μ l x 2 | | |
| | | MIR162-ColE1/TE- 1.5k | 1,500copies/2.5 μ l | 90 μ l x 2 | | |
| | | MIR162-ColE1/TE- 20k | 20,000copies/2.5 μ l | 90 μ l x 2 | | |
| | | MIR162-ColE1/TE- 250k | 250,000copies/2.5 μ l | 90 μ l x 2 | | |
| 313-09141 | GM Maize Δ Δ Cq Standard Plasmid Set | ColE1/TE | 5ng/ μ L | 180 μ L x 2 | 1Set | 35,600 |
| | | GM Maize Δ Δ Cq Standard Plasmid 100 | 100copies/ μ L | 120 μ L x 2 | | |
| | | GM Maize Δ Δ Cq Standard Plasmid 200K | 200,000copies/ μ L | 60 μ L x 2 | | |
| | | | | | | |

Primers & Probe

| Code No. | Product Name | Component | Concentration | Volume | (Size) | Price (JPY) |
|-----------|--|---------------------|-----------------|-------------|--------|-------------|
| 319-06061 | GM Maize Detection SSIIb-3 (for endogenous gene) Oligonucleotide Set | SSIIb 3-5' & 3' | 25 μ M each | 180 μ l | 1Set | 40,000 |
| | | SSIIb-Taq | 10 μ M | 180 μ l | | |
| 311-05541 | GM Maize Detection SSIIb (for endogenous gene) Oligonucleotide Set | SSIIb 1-5' & 3' | 25 μ M each | 180 μ l | 1Set | 40,000 |
| | | SSIIb-Taq | 10 μ M | 180 μ l | | |
| 318-05551 | GM Maize Detection GA21 Oligonucleotide Set | GA21 3-5' & 3' | 25 μ M each | 180 μ l | 1Set | 40,000 |
| | | GA21-Taq | 10 μ M | 180 μ l | | |
| 315-05561 | GM Maize Detection Bt11 Oligonucleotide Set | Bt11 3-5' & 3' | 25 μ M each | 180 μ l | 1Set | 40,000 |
| | | Bt11-Taq | 10 μ M | 180 μ l | | |
| 312-05571 | GM Maize Detection E176 Oligonucleotide Set | E176 2-5' & 3' | 25 μ M each | 180 μ l | 1Set | 40,000 |
| | | E176-Taq | 10 μ M | 180 μ l | | |
| 319-05581 | GM Maize Detection T25 Oligonucleotide Set | T25 1-5' & 3' | 25 μ M each | 180 μ l | 1Set | 40,000 |
| | | T25-2-Taq | 10 μ M | 180 μ l | | |
| 316-05591 | GM Maize Detection M810 Oligonucleotide Set | M810 2-5' & 3' | 25 μ M each | 180 μ l | 1Set | 40,000 |
| | | M810-Taq | 10 μ M | 180 μ l | | |
| 311-08341 | GM Maize Detection MIR604 Oligonucleotide Set | MIR604 primer F & R | 25 μ M each | 180 μ l | 1Set | 40,000 |
| | | MIR604 probe | 10 μ M | 180 μ l | | |
| 315-08361 | GM Maize Detection MIR162 Oligonucleotide Set | MIR162-f1 & r1 | 25 μ M each | 180 μ l | 1Set | 40,000 |
| | | MIR162-p1 | 10 μ M | 180 μ l | | |

Maize

Plasmid

| Code No. | Product Name | Component | Concentration | Volume (Size) | Price (JPY) |
|-----------|--|-----------|---------------|---------------|-------------|
| 314-04811 | GM Maize Detection Positive Control Plasmid | | | 50 µl | 15,600 |
| 317-06621 | GM Maize Detection Bt10 Positive Control Plasmid | | | 50 µl | 13,400 |
| 313-06623 | | | | 50 µl x 5 | 40,000 |
| 317-04921 | GM Maize Detection CBH351 Positive Control Plasmid | | | 50 µl | 13,400 |
| 313-04923 | | | | 50 µl x 5 | 40,000 |

Primers

| Code No. | Product Name | Component | Concentration | Volume (Size) | Price (JPY) |
|-----------|--|-----------------------|---------------|---------------|-------------|
| 312-06051 | GM Maize Detection SSIIb-3 (for endogenous gene) Oligonucleotide | SSIIb 3-5' & 3' | 25 µM each | 60 µl | 15,600 |
| 318-06053 | | | | 180 µl | 25,400 |
| 315-05441 | GM Maize Detection SSIIb (for endogenous gene) Oligonucleotide | SSIIb 1-5' & 3' | 25 µM each | 60 µl | 15,600 |
| 311-05443 | | | | 180 µl | 25,400 |
| 312-05451 | GM Maize Detection GA21-3 Oligonucleotide | GA21 3-5' & 3' | 25 µM each | 60 µl | 15,600 |
| 318-05453 | | | | 180 µl | 25,400 |
| 319-05461 | GM Maize Detection Bt11-3 Oligonucleotide | Bt11 3-5' & 3' | 25 µM each | 60 µl | 15,600 |
| 315-05463 | | | | 180 µl | 25,400 |
| 316-05471 | GM Maize Detection E176-2 Oligonucleotide | E176 2-5' & 3' | 25 µM each | 60 µl | 15,600 |
| 312-05473 | | | | 180 µl | 25,400 |
| 313-05481 | GM Maize Detection T25-1 Oligonucleotide | T25 1-5' & 3' | 25 µM each | 60 µl | 15,600 |
| 319-05483 | | | | 180 µl | 25,400 |
| 310-05491 | GM Maize Detection M810-2 Oligonucleotide | M810 2-5' & 3' | 25 µM each | 60 µl | 15,600 |
| 316-05493 | | | | 180 µl | 25,400 |
| 318-05671 | GM Maize Detection Zein (for endogenous gene) Oligonucleotide | Zein n-5' & 3' | 25 µM each | 60 µl | 13,400 |
| 314-05673 | | | | 180 µl | 21,000 |
| 313-06601 | GM Maize Detection Bt10 (for 1st screening) Oligonucleotide | JSF5 & JSR5 | 25 µM each | 60 µl | 13,400 |
| 319-06603 | | | | 180 µl | 21,000 |
| 310-06611 | GM Maize Detection Bt10 (for 2nd screening) Oligonucleotide | Bt10LS-5' & Bt10LS-3' | 25 µM each | 60 µl | 13,400 |
| 316-06613 | | | | 180 µl | 21,000 |
| 315-05681 | GM Maize Detection CBH351 (for 1st screening) Oligonucleotide | CaM03-5' & CBH02-3' | 25 µM each | 60 µl | 13,400 |
| 311-05683 | | | | 180 µl | 21,000 |
| 312-05691 | GM Maize Detection CBH351 (for 2nd screening) Oligonucleotide | Cry9C-5' & 35Ster-3' | 25 µM each | 60 µl | 13,400 |
| 318-05693 | | | | 180 µl | 21,000 |

For GM Maize detection (Single Kernel)

| Code No. | Product Name | Component | Concentration | Volume (Size) | Price (JPY) |
|-----------|---|-----------|---------------|---------------|-------------|
| 314-07231 | GM Maize (Single Kernel) Detection Positive Control Plasmid | | | 50 µl | 15,600 |
| 318-07251 | GM Maize Multiplex PCR Marker | | 0.18 µg/5 µl | 50 µl | 15,600 |

Potato

Plasmid

| | Code No. | Product Name | Component | Concentration | Volume (Size) | Price (JPY) |
|----|-----------|---|-----------|---------------|---------------|-------------|
| *3 | 310-09031 | GM Potato Detection INNATE™ XY Positive Control Plasmid | | | 50 µl | 20,000 |
| *3 | 316-09033 | | | | 50 µl x 5 | 60,000 |
| *3 | 311-08601 | GM Potato Detection INNATE™ EFJ Positive Control Plasmid | | | 50 µl | 20,000 |
| *3 | 317-08603 | | | | 50 µl x 5 | 60,000 |
| | 311-05301 | GM Potato Detection NewLeaf Plus Positive Control Plasmid | | | 50 µl | 13,400 |
| | 317-05303 | | | | 50 µl x 5 | 40,000 |

*3 If you would purchase reagents for INNATE™ detection, please complete a **consent form** and send to us each time you order.

The products are available only to customers who meet certain conditions.

<https://www.nippongene.com/siyaku/product/gmo-detection/gm-potato/gm-potato-efj.html>

Primers & Probe

| | Code No. | Product Name | Component | Concentration | Volume (Size) | Price (JPY) |
|----|-----------|--|-----------------|---------------|---------------|-----------------|
| *3 | 317-08561 | GM Potato Detection APRT (for endogenous gene) Oligonucleotide Set | APRT F & APRT R | 25 µM each | 180 µl | 1Set 46,800 |
| | | | APRT P | 10 µM | 60 µl | |
| *3 | 316-09011 | GM Potato Detection X17 Oligonucleotide Set | X17-F & X17-R | 25 µM each | 180 µl | 1 Set 46,800 |
| | | | X17-P | 10 µM | 60 µl | |
| *3 | 313-09021 | GM Potato Detection Y9 Oligonucleotide Set | Y9-F & Y9-R | 25 µM each | 180 µl | 1 Set 46,800 |
| | | | Y9-P | 10 µM | 60 µl | |
| *3 | 314-08571 | GM Potato Detection E12 Oligonucleotide Set | E12 F & E12 R | 25 µM each | 180 µl | 1 Set 46,800 |
| | | | E12 P | 10 µM | 60 µl | |
| *3 | 311-08581 | GM Potato Detection F10 Oligonucleotide Set | F10 F & F10 R | 25 µM each | 180 µl | 1 Set 46,800 |
| | | | F10 P | 10 µM | 60 µl | |
| *3 | 318-08591 | GM Potato Detection J3 Oligonucleotide Set | J3 F & J3 R | 25 µM each | 180 µl | 1 Set 46,800 |
| | | | J3 P | 10 µM | 60 µl | |

*3 If you would purchase reagents for INNATE™ detection, please complete a **consent form** and send to us each time you order.

The products are available only to customers who meet certain conditions.

<https://www.nippongene.com/siyaku/product/gmo-detection/gm-potato/gm-potato-efj.html>

Primers

| | Code No. | Product Name | Component | Concentration | Volume (Size) | Price (JPY) |
|--|-----------|--|------------------------|---------------|---------------|-------------|
| | 311-05703 | GM Potato Detection Pss (for endogenous gene) Oligonucleotide | Pss 01n-5' & 3' | 25 µM each | 180 µl | 21,000 |
| | 318-05713 | GM Potato Detection NewLeaf Plus (for 1st screening) Oligonucleotide | p-FMV02-5' & PLRV01-3' | 25 µM each | 180 µl | 21,000 |
| | 315-05723 | GM Potato Detection NewLeaf Plus (for 2nd screening) Oligonucleotide | PLRV-rep1-5' & 3' | 25 µM each | 180 µl | 21,000 |

For GM Potato detection by other methods

| | Code No. | Product Name | Component | Concentration | Volume (Size) | Price (JPY) |
|--|-----------|--|---------------------|---------------|---------------|-------------|
| | 317-06501 | GM Potato Positive Control Plasmid (for qualitative analysis) | | | 50 µl | 13,400 |
| | 313-06503 | | | | 50 µl x 5 | 40,000 |
| | 316-05993 | GM Potato Detection UGPase Oligonucleotide | UGPase01-5' & 3' | 25 µM each | 180 µl | 21,000 |
| | 316-06473 | GM Potato Screening CryIIIA Oligonucleotide | Cry IIIA 01-5' & 3' | 25 µM each | 180 µl | 21,000 |
| | 313-06483 | GM Potato Detection NewLeaf Oligonucleotide | NL 01-5' & 3' | 25 µM each | 180 µl | 21,000 |
| | 310-06493 | GM Potato Detection NewLeaf Plus (NLP01) Oligonucleotide | NLP 01-5' & 3' | 25 µM each | 180 µl | 21,000 |
| | 310-06013 | GM Potato Detection NewLeaf Y SEMT 15-02 (for 2nd screening) Oligonucleotide | NLY01-5' & 3' | 25 µM each | 180 µl | 21,000 |

Papaya

Plasmid

| Code No. | Product Name | Component | Concentration | Volume (Size) | Price (JPY) |
|-----------|--|-----------|---------------|----------------|-------------|
| 317-07721 | GM Papaya Detection 55-1 Positive Control Plasmid 2 | | | 50 μ l | 13,400 |
| 313-07723 | | | | 50 μ l x 5 | 40,000 |
| 314-08191 | GM Papaya Detection PRSV HN Positive Control Plasmid | | | 50 μ l | 13,400 |
| 310-08193 | | | | 50 μ l x 5 | 40,000 |

Primers & Probe

| Code No. | Product Name | Component | Concentration | Volume (Size) | Price (JPY) |
|-----------|---|--------------------------------------|-------------------------------|----------------------------|-----------------|
| 317-08181 | GM Papaya Detection Chy (for endogenous gene) Oligonucleotide Set | Q-Chy-1F2 & Q-Chy-2R Q-Chy-P(new) | 25 μ M each 10 μ M | 180 μ l 60 μ l | 1 Set 40,000 |
| 310-07711 | GM Papaya Detection 55-1(Event-specific) Oligonucleotide Set | PRSV-cp F & PRSV-cp R PRSV-cp P | 25 μ M each 10 μ M | 180 μ l 60 μ l | 1 Set 40,000 |
| 310-81211 | GM Papaya Detection PRSV-YK(35S) Oligonucleotide Set | 35S-F & 35S-R 35S-P | 25 μ M each 10 μ M | 180 μ l 180 μ l | 1 Set 40,000 |
| 313-81201 | GM Papaya Detection PRSV-YK(YK-2) Oligonucleotide Set | YK-2F & YK-2R YK-2P | 25 μ M each 10 μ M | 180 μ l 180 μ l | 1 Set 40,000 |
| 315-07881 | GM Papaya Detection PRSV-SC Oligonucleotide Set | SC-F & SC-R SC-P | 25 μ M each 10 μ M | 180 μ l 60 μ l | 1 Set 40,000 |

Primers

| Code No. | Product Name | Component | Concentration | Volume (Size) | Price (JPY) |
|-----------|--|-------------|-----------------|---------------|-------------|
| 313-08203 | GM Papaya Detection HN Oligonucleotide | HN-F & HN-R | 25 μ M each | 180 μ l | 21,000 |

Rice

Plasmid

| Code No. | Product Name | Component | Concentration | Volume (Size) | Price (JPY) |
|-----------|--|-----------|---------------|---------------|-------------|
| 310-07571 | GM Rice Detection (IR) Rice Positive Control Plasmid 2 | | | 50 µl | 13,400 |
| 316-07573 | | | | 50 µl x 5 | 40,000 |
| 317-06741 | GM Rice Detection Bt Rice Positive Control Plasmid | | | 50 µl | 13,400 |
| 313-06743 | | | | 50 µl x 5 | 40,000 |

Primers & Probe

| Code No. | Product Name | Component | Concentration | Volume (Size) | Price (JPY) |
|-----------|---|-------------------------------|---------------|---------------|-----------------|
| 312-07531 | GM Rice Detection PLD (for endogenous gene) Oligonucleotide Set 2 | PLD3959F & PLD4038R PLD-P | 25 µM each | 180 µl | 1 Set 40,000 |
| | | | 10 µM | 180 µl | |
| 319-07541 | GM Rice Detection (63Bt) Oligonucleotide Set 2 | T52-SF & OsNOS-R2 GM63-Taq | 25 µM each | 180 µl | 1 Set 40,000 |
| | | | 10 µM | 180 µl | |
| 316-07551 | GM Rice Detection (NNBt) Oligonucleotide Set 2 | T52-SF & OsNOS-R2 NGMr-Taq | 25 µM each | 180 µl | 1 Set 40,000 |
| | | | 10 µM | 180 µl | |

Primers

| Code No. | Product Name | Component | Concentration | Volume (Size) | Price (JPY) |
|-----------|---|------------------------|---------------|---------------|-------------|
| 317-07581 | GM Rice Detection (CpTI) Oligonucleotide 2 | CpTI-2F & NOS-1R | 25 µM each | 180 µl | 21,000 |
| 312-06693 | GM Rice Detection SPS (for endogenous gene) Oligonucleotide | SPSF & SPSR | 25 µM each | 180 µl | 21,000 |
| 315-06703 | GM Rice Detection Cry1Ac Oligonucleotide | AC-3F & AC-3R | 25 µM each | 180 µl | 21,000 |
| 312-06713 | GM Rice Detection Bt Rice (for 1st screening) Oligonucleotide | Oscry1 Ac-F & OsNOS-R2 | 25 µM each | 180 µl | 21,000 |
| 319-06723 | GM Rice Detection Bt Rice (for 2nd screening) Oligonucleotide | actACS3F & actACS3R | 25 µM each | 180 µl | 21,000 |

Rapeseed (Canola)

Plasmid

| Code No. | Product Name | Component | Concentration | Volume (Size) | Price (JPY) |
|-----------|--|-----------|---------------|---------------|-------------|
| 317-07221 | B.rapa Discrimination B.rapa Positive Control Plasmid | | | 50 µl | 13,400 |
| 313-07223 | | | | 50 µl x 5 | 40,000 |
| 316-07171 | B.rapa Discrimination B.napus Positive Control Plasmid | | | 50 µl | 13,400 |
| 312-07173 | | | | 50 µl x 5 | 40,000 |

Primers

| Code No. | Product Name | Component | Concentration | Volume (Size) | Price (JPY) |
|-----------|---|--------------------------------|---------------|---------------|-------------|
| 319-07183 | B.rapa Discrimination ACCg8 Oligonucleotide | B.rapa-ACCg8 F & R | 50 µM each | 180 µl | 21,000 |
| 316-07193 | B.rapa Discrimination BnC1 Oligonucleotide | B.napus BnC1-969F & BnC1-1043R | 50 µM each | 180 µl | 21,000 |

Salmon

Plasmid

| Code No. | Product Name | Component | Concentration | Volume (Size) | Price (JPY) |
|-----------|--|-----------|---------------|----------------|-------------|
| 318-08731 | GM Salmon Detection AquAd Positive Control Plasmid | | | 50 μ l | 16,800 |
| 314-08733 | | | | 50 μ l x 5 | 50,000 |

Primers & Probe

| Code No. | Product Name | Component | Concentration | Volume (Size) | Price (JPY) |
|-----------|---|---------------|-----------------|---------------|-----------------|
| 314-08711 | GM Salmon Detection 18SrRNA (for endogenous gene) Oligonucleotide Set | 18S-F & 18S-R | 25 μ M each | 180 μ l | 1 Set 40,000 |
| | | 18S-P | 10 μ M | 60 μ l | |

Primers

| Code No. | Product Name | Component | Concentration | Volume (Size) | Price (JPY) |
|-----------|---|-------------------|-----------------|---------------|-------------|
| 312-08751 | GM Salmon Detection AquAd Oligonucleotide | AquAd-F & AquAd-R | 25 μ M each | 180 μ l | 25,400 |

Wheat

Plasmid

| Code No. | Product Name | Component | Concentration | Volume (Size) | Price (JPY) |
|-----------|--|-----------|---------------|----------------|-------------|
| 315-08981 | GM Wheat Detection MON71200 Positive Control Plasmid | | | 50 μ l | 16,800 |
| 311-08983 | | | | 50 μ l x 5 | 50,000 |

Primers & Probe

| Code No. | Product Name | Component | Concentration | Volume (Size) | Price (JPY) |
|-----------|---|---|-----------------|---------------|-----------------|
| 319-09001 | GM Wheat Detection ACC1 (for endogenous gene) Oligonucleotide Set | acc forward primer & acc reverse primer | 25 μ M each | 180 μ l | 1 Set 40,000 |
| | | acc FAM-probe | 10 μ M | 180 μ l | |

Others

Calibration Probe

| Code No. | Product Name | Component | Concentration | Volume (Size) | Price (JPY) |
|-----------|-----------------------|-----------|---------------|---------------|-------------|
| 318-06771 | HEX Calibration Probe | | 3.2 μ M | 3mL | 16,800 |

Contact Us

NIPPON GENE CO., LTD. <https://www.nippongene.com/siyaku/>