

GMO

- Testing Service
- Real-time PCR & PCR Kits

PowerChek™ GMO Real-time PCR Kit & Detection Kit are designed for the screening and the detection of GMO in seed, crop, raw materials, and processed foods.

Short & Simple Protocol

After DNA extraction by using below kits

- PowerPrep™ GMO Extraction Kit (E0001)
: silica resin method (highly processed food)
- PowerPrep™ DNA Extraction from Food and Feed Kit (E0002) : column method (processed food)
- PowerPrep™ GMO Extraction Kit II (E0006)
: GM-rice, including α-amylase



Step 1 : Mix extracted DNA with the Kit's reagents

Step 2 : PCR or Real-time PCR run

Step 3 : Analysis



4.5 hrs

Kit Components

- Primer
- 5X Reaction Buffer
- Taq DNA polymerase
- Control DNA
- DNA size marker
- DNA loading dye

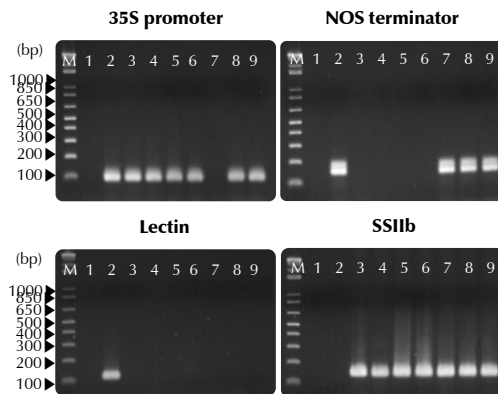
or

- 2X Real-Time Master Mix
- Primer/Probe Mixture
- Control DNA

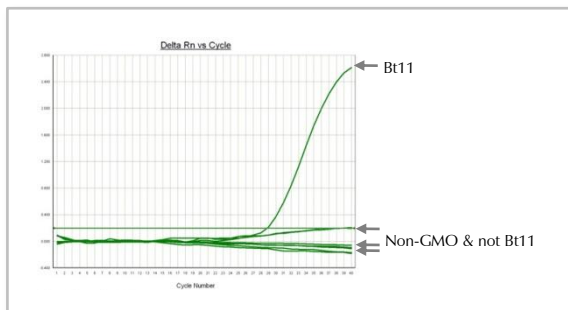
Storage

-20 °C

Exp.



M: size marker
 1 : No Template Control
 2, RRS; 3, Mon810; 4, T25; 5, Event176; 6, TC1507; 7, GA21;
 8, Bt11; 9, NK603.



GMO**Real-time PCR & PCR Kits****Ordering Information**

PowerChek™ GMO Detection Kit series	Cat #	rxn
PowerChek™ GMO Screening Kit	P0701	200
PowerChek™ GM Bt176 Detection Kit	P0702	50
PowerChek™ GM Bt11 Detection Kit	P0703	50
PowerChek™ GM GA21 Detection Kit	P0704	50
PowerChek™ GM T25 Detection Kit	P0705	50
PowerChek™ GM MON810 Detection Kit	P0706	50
PowerChek™ GM NK603 Detection Kit	P0707	50
PowerChek™ GM TC1507 Detection Kit	P0708	50
PowerChek™ GM RRS Detection Kit	P0709	50
PowerChek™ GM MON863 Detection Kit	P0710	50
PowerChek™ GM DAS59122-7 Detection Kit	P0711	50
PowerChek™ GM MIR604 Detection Kit	P0712	50
PowerChek™ GM MON88017 Detection Kit	P0713	50
PowerChek™ GM Rice Screening Kit	P0750	200
PowerChek™ GM-Maize Screening Kit	P0714	60 samples
PowerChek™ GM-Soy Screening Kit	P0715	60 samples
PowerChek™ GM-Soy(RRS) Detection Kit	P0716	50 samples

PowerChek™ GMO Real-time PCR Kit series	Cat #	rxn
PowerChek™ GM Soy Screening Kit (35S, Nos T, Lectin)	R2000	200
PowerChek™ GM RRS Real-time PCR Kit	R2001	50
PowerChek™ GM Maize Screening Kit (35S, Nos T, SSIIb)	R2002	200
PowerChek™ GM Bt176 Real-time PCR Kit	R2003	50
PowerChek™ GM Bt11 Real-time PCR Kit	R2004	50
PowerChek™ GM GA21 Real-time PCR Kit	R2005	50
PowerChek™ GM T25 Real-time PCR Kit	R2006	50
PowerChek™ GM MON810 Real-time PCR Kit	R2007	50
PowerChek™ GM NK603 Real-time PCR Kit	R2008	50
PowerChek™ GM TC1507 Real-time PCR Kit	R2009	50
PowerChek™ GM MON863 Real-time PCR Kit	R2010	50
PowerChek™ GM DAS59122-7 Real-time PCR Kit	R2011	50
PowerChek™ GM MIR604 Real-time PCR Kit	R2012	50
PowerChek™ GM MON88017 Real-time PCR Kit	R2013	50
PowerChek™ GM CBH351(Starlink) Real-time PCR Kit	R2014	50
PowerChek™ GM Maize 12-Event Screening Kit	R2015	200