



GMO Screen 35S/NOS/FMV

The combination of the detection methods for the Cauliflower Mosaic Virus (CaMV) 35S promoter, the *A. tumefaciens* nos terminator and the 34S promoter from Figwort Mosaic Virus (FMV) is widely used in GMO testing.

This screening kit covers a broad spectrum of genetically modified organisms (GMOs). Please consult our GMO Screening Table in order to verify if further screening kits are needed additionally for your scope and sample types.

Kit Specifications

- Broad Screening: Most relevant GMO events are detected (for details please ask for the Eurofins GMO Screening Table)
- All variants of the CaMV 35S promoter are detected
- Multiplex kit for 44 samples per 96 well plate, three results per sample
- No false-negative results: inhibition control (internal positive control; IPC) included in every reaction
- Evaluation sheet: Easy and reliable evaluation and result documentation
- Validated for the following real-time PCR cyclers:
 - ABI GeneAmp® 7500 (Fast)
 - Roche LightCycler® 480 Instrument
 - Agilent Mx3000P/Mx3005P
 - Agilent AriaMX™
 - Bio-Rad CFX96 Touch™

Kit Components

- MasterMix for 96 reactions
- Positive control
- Negative control
- Comprehensive manual
- Evaluation sheet (provided on request)

Ordering Information

Cat. no	Kit
5421220301	GMO Screen RT 35S/NOS/FMV (LR) for ABI GeneAmp® 7500 (Fast)
5421220302	GMO Screen RT 35S/NOS/FMV (NR) for Roche LightCycler® 480, Agilent Mx3000P/Mx3005P, Agilent AriaMX™, Bio-Rad CFX96 Touch™

Further Kits Within This Field

- Various GMO Screen kits can be combined to cover other GMOs for the respective sample material and species and to simplify identification of potential events (s. Eurofins GMO Screening Table)
- SpeciesIdent RT CaMV exclusion of positive results caused by naturally present Cauliflower Mosaic Virus
- SpeciesIdent RT *Agrobacterium tumefaciens* exclusion of positive results caused by naturally present *A. tumefaciens*
SpeciesScreen RT Plant general plant DNA detection i.e. as extraction control