



## 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 45 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
- 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