



## Venor® GeM oneStep

### Features

Type of PCR	for conventional, endpoint PCR
Description	Venor® GeM OneStep is a complete kit which includes all reagents required for PCR. Primer, nucleotides, polymerase and the internal amplification control are provided ready-to-use in a lyophilized reaction mix. The included rehydration buffer is added to the mix, aliquots made according to the sample number, sample or Positive Control DNA added and the setup is ready for PCR.
Recommended Use / Scope	Applicable in research and industry for direct testing of cell cultures and biologicals. Intended for research use only. Not recommended for clinical diagnostics or testing of human samples.
Kit Components	Primer sets, nucleotides, internal amplification control and polymerase at optimized concentrations lyophilized in one tube Rehydration buffer Lyophilized positive control PCR grade water
Package Sizes	Primer and nucleotides in aliquots of 25 tests Cat.-No. 11-8025      25 Tests Cat.-No. 11-8050      50 Tests Cat.-No. 11-8100      100 Tests Cat.-No. 11-8250      250 Tests
Result evaluation	Gel electrophoresis at endpoint of PCR
Required Consumables	Agarose gels and DNA stains PCR reaction tubes
Required lab devices	Gel electrophoresis and documentation system / Regular PCR cycler Pipetting equipment Tube centrifuge
Shelf Life and Storage	Venor® GeM OneStep components are maintainable at +2 to +8 °C for at least 6 months. After rehydratisation the reagents must be stored at -18 °C
EP 2.6.7 compliance	Use of Venor® GeM OneStep for QA testing of biologicals like master and working cell banks, autologous cells, culture media, bulk harvest and final product testing according to EP 2.6.7 might be applicable after appropriate sample preparation and process validation. Please contact our service line for assistance.



**Fig.** Amplified PCR products are visualized by standard gel electrophoresis.