

## Description:

The Master Mix contains all reagents required for qPCR (except template and primer) in a premixed 2x concentrated ready-to-use solution. The high specificity and sensitivity of the mix is achieved by an optimized hot-start polymerase. Its activity is blocked at ambient temperature and switched on automatically at the onset of the initial denaturation. The thermal activation prevents the extension of non-specifically annealed primers and primer-dimer formations at low temperatures during PCR setup.

The mix contains dUTP instead of dTTP and allows an UNG (Uracil-N-Glycosylase) treatment at the onset of thermal cycling to prevent carry-over contaminations of DNA from previous PCR reactions.

## Order Information

| Prod. No.       | Description                      | Quantity |
|-----------------|----------------------------------|----------|
| S9150           | qPCR real time PCR Master E1     | 100 rcs  |
| S9160           | qPCR real time PCR Master E2     | 100 rcs  |
| S9170           | qPCR real time PCR Master E3     | 100 rcs  |
| S9180           | qPCR real time PCR Master E4     | 100 rcs  |
| S9150LC (Roche) | qPCR real time PCR Master EVA1LC | 100 rcs  |
| S9160LC (Roche) | qPCR real time PCR Master EVA2LC | 100 rcs  |
| S9170LC (Roche) | qPCR real time PCR Master EVA1LC | 100 rcs  |
| S9180LC (Roche) | qPCR real time PCR Master EVA1LC | 100 rcs  |
| S9190           | qPCR real time PCR Master DLP1   | 100 rcs  |
| S9200           | qPCR real time PCR Master DLP2   | 100 rcs  |
| S9210           | qPCR real time PCR Master DLP3   | 100 rcs  |
| S9220           | qPCR real time PCR Master DLP4   | 100 rcs  |