

LaboPass™ EvaGreen Q Master

Cat. No CMQE200 1 ml x 2 (200 x 20 µl reactions)
Cat. No CMQE500 1 ml x 5 (500 x 20 µl reactions)
Cat. No CMQE1000 1 ml x 10 (1000 x 20 µl reactions)

Lot No.

Note: For laboratory use only

Description

Labopass™ EvaGreen Q Master is a specifically formulated reaction mixture for quantitative real-time PCR (qPCR) with a fluorescent DNA-binding dye, EvaGreen. EvaGreen dye has excitation and emission spectra very close to SYBR Green I used widely in qPCR. However, unlike SYBR Green I, EvaGreen dye is extremely stable both thermally and hydrolytically. Especially, EvaGreen dye exhibits very low PCR inhibition permitting use of saturation dye concentration for maximal signal and high resolution melting (HRM) analysis.

Labopass™ EvaGreen Q Master is a 2x concentrated, ready-to-use reaction mixture containing all the necessary components, except primers, a template and passive reference dye required on some real-time PCR instruments.

Components

Labopass™ EvaGreen Q Master contains EvaGreen dye, dNTPs, modified Taq polymerase, PCR enhancer and stabilizer in optimized buffer condition

Storage & Stability

Labopass™ EvaGreen Q Master is stable for 12 months when stored at -20°C, protected from light. For frequent use, the master mix may be stored at 4°C. It is not recommended to be repeated freezing and thawing of the master mix.

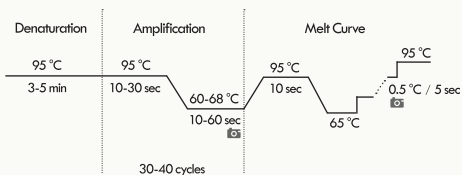
Standard reaction (20 µl)

Before use, thaw at room temperature and mix well by gentle inverting the tube several times, and centrifuge it.

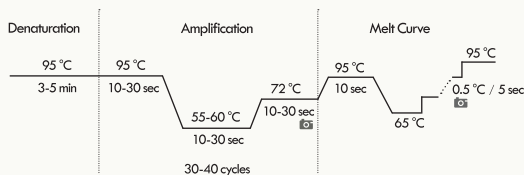
EvaGreen Q Master (2x)	10 µl
Forward primer	4 ~ 20 pmoles
Reverse primer	4 ~ 20 pmoles
DNA Template	variable
Distilled water	up to 20 µl

Cycling condition

2-step cycling protocol



3-step cycling protocol



LaboPass™ SYBR Green Q Master

Cat. No CMQS200 1 ml x 2 (200 x 20 µl reactions)
Cat. No CMQS500 1 ml x 5 (500 x 20 µl reactions)
Cat. No CMQS1000 1 ml x 10 (1000 x 20 µl reactions)

Lot No.

Note: For laboratory use only

Description

Labopass™ SYBR Green Q Master is a specifically formulated reaction mixture for quantitative real-time PCR (qPCR) with a fluorescent DNA-binding dye, SYBR Green I. Compared to probe-based systems, SYBR Green I-based qPCR system is cost effective and simple method because it is not necessary any fluorescent dye labeled probe and effort for probe design. SYBR Green I can be easily decomposed in aqueous solution, resulting in a significant reduction of fluorescent signal. Labopass™ SYBR Green Q Master contains a specific stabilizer to prevent decomposition of SYBR Green I, and so ensure stable retention of fluorescence intensity during long-term storage. Labopass™ SYBR Green Q Master is a 2x concentrated, ready-to-use reaction mixture containing all the necessary components, except primers, a template and passive reference dye required on some real-time PCR instruments.

Components

Labopass™ SYBR Green Q Master contains SYBR Green I dye, dNTPs, modified Taq polymerase, PCR enhancer and stabilizer in optimized buffer condition

Storage & Stability

Labopass™ SYBR Green Q Master is stable for 12 months when stored at -20°C, protected from light. For frequent use, the master mix may be stored at 4°C. It is not recommended to be repeated freezing and thawing of the master mix

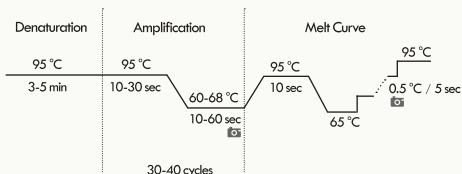
Standard reaction (20 µl)

Before use, thaw at room temperature and mix well by gentle inverting the tube several times, and centrifuge it.

SYBR Green Q Master (2x)	10 µl
Forward primer	4 ~ 20 pmoles
Reverse primer	4 ~ 20 pmoles
DNA Template	variable
Distilled water	up to 20 µl

Cycling condition

2-step cycling protocol



3-step cycling protocol

