

A complete workflow for high performance RNA analysis

Starting with RNA isolation, cDNA synthesis options, and analysis by top performance qPCR

RNA Isolation

▶ tripleXtractor reagent

Monophasic phenol/guanidine thiocyanate solution, available as 100ml and 200mL

- . Cost-effective, and ready-to-use reagent
- . Sample can be stored in tripleXtractor for subsequent isolation
- . Ideal choice for fast processing

▶ GRS Total RNA Isolation Kits

Columns based purification kits, supplied with DNase I and individually packed columns

- . High yields with a fast and procedure
- . Sample specific kits
- . DNase I treatment included
- . Ideal choice for increased assurance

cDNA synthesis

The included Xpert RTase is a high temperature resistant, RNase H(-) enzyme, capable of amplifying up to 15Kb full-length cDNAs, engineered for extreme performance

Separate components (random N6 and oligo(dT)20 included)
Ideal choice for a versatile utilization

Xpert cDNA Synthesis Kit

Convenient mastermix format (random N6 and oligo(dT)20 included in the buffer). Ideal choice for optimized performance

Xpert cDNA Synthesis Mastermix

Convenient supermix format (random N6 and oligo(dT)20 included) with a gDNA removal step. Ideal choice for optimized performance and extended quality assurance.

Xpert cDNA Synthesis Supermix (with gDNA eraser)

qPCR

▶ Xpert Fast SYBR

▶ Xpert Fast PROBE

High performance qPCR enzymes that allow for extreme sensitivity with low inhibition

- . High yields and sensitivity
- . Early Ct values
- . Suitable for both standard and fast cycling

Available both as standard and as BLUE (for visual pipetting aid) versions
One-Step qPCR versions also available