

Phenol-Chloroform-Isoamyl Alcohol (25:24:1)

Stabilized, saturated with 100 mM Tris-EDTA to pH 8.0

Catalog Number	Kit Size
TBS6065-200	200mL
TBS6065-500	500mL

DESCRIPTION

Phenol-Chloroform-Isoamyl alcohol mixture solution (25:24:1) contains chloroform, isoamyl alcohol, and phenol saturated with 100mM Tris-EDTA (TE) buffer at the pH: 8.0. This reagent is used in the purification of nucleic acids, such as DNA.

Reagent Size:
200 mL / each bottle.
500 mL / each bottle

Storage: Store at 4°C.
Shelf-life: 1 year after receipt.
Shipment: Blue ice.

PROCEDURE

When nucleic acids are extracted with the Phenol-Chloroform-Isoamyl alcohol mixture solution, a clear component separation is achieved. The proteins present in the sample are denatured and removed (collected in the organic phase or in the interphase), while nucleic acids remain in the aqueous phase. The chloroform denatures proteins and facilitates the separation of the aqueous and organic phases, and the isoamyl alcohol reduces foaming during extraction.

RELATED PRODUCTS

Blood DNA Extraction Kit (TBS6004)
Fast Mouse tail DNA Extraction (TBS6005)
Cell DNA Extraction Kit (TBS6007)
Tissue DNA Extraction Maxi (TBS6006)
Sybr Green qPCR Super Mix kit (TBS4001)
2xTaqman qPCR Mix (TBS4002)
2x Genotyping Ready PCR Mix (TBS4003)
Fast Mouse Genotyping System (TBS4033)

This product is for *in vitro* research use only and is not intended for use in humans or animals in therapeutic or diagnostic procedures.