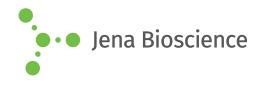
DATA SHEET





Poly (A) carrier RNA

Polyadenylic acid, potassium salt

Cat. No.	Amount
RNT-017-S	100 mg
RNT-017-L	1 g

For general laboratory use.

Shipping: shipped on gel packs **Storage Conditions:** store at -20 °C

Additional Storage Conditions: Short term exposure (up to 1 week cumulative) to ambient temperature possible. Store dark.

Shelf Life: 12 months

Molecular Weight: 100 - 500 kDa

Form: lyophilised solid **Color:** white to off-white

Description:

Poly (A) carrier RNA is used for quantitative precipitation/purification of RNA and DNA. It improves recovery of short fragments (< 200 bp) or low amounts of nucleic acids.

Chain length: 2100 to 10000 nucleotides

Recommended working concentration: 0.5 mg/ml

Quality control:

Poly (Å) in relation to one mononucleotide unit: 2.3 - 2.5 μ mol/mg (A₂₅₇*, ϵ = 10.7 L mmol⁻¹ cm⁻¹)

A₂₉₀/A₂₆₀*: 0.03 - 0.05 A₂₈₀/A₂₆₀*: 0.25 - 0.35 A₂₅₀/A₂₆₀*: 0.82 - 0.92

DNAse/RNAse contamination: not detectable (FRET assay)

*absorbance measurement in DNAse/RNAse free water