



The RNA 10K kit is intended to determine the size profile of
RNA samples up to 13000 bases
with any Capillary Electrophoresis (CE) instrument

The kit is designed to analyse 100 samples and associated standards.

KIT CONTENT

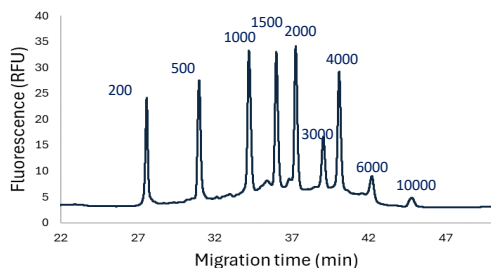


RNA 10K Kit (ref : 16-CE-RNA10K)

- Running buffer RNA 10K, 40 mL
- Fluorescent dye, 9 tubes of 55 μL
- RNA 10K ladder, 9 tubes of 65 μL
- 120 glass inserts
- 1 silica capillary

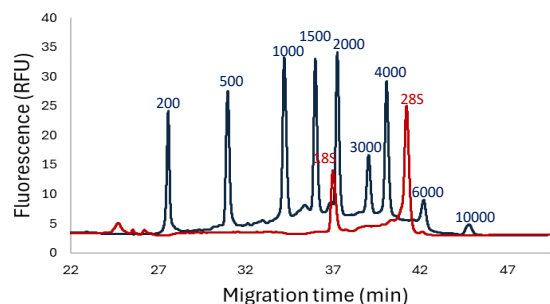
LARGE RNA SEPARATION

A reference ladder is analysed every 5 samples to convert the fluorescence trace into a profile giving mass concentration according to RNA size, using the BIABooster Analytics or another suitable software.



Standard ladder used in the RNA10K kit

The ladder is composed of 9 bands
from 200 bases to 10000 bases.
The total concentration is 10 ng/ μL



Fluorescence profile of an RNA ladder in blue and total RNA sample in red

The analysis of this sample shows
18S and 28S peaks with a 28S/18S ratio of 2.4

SPECIFICATIONS

Sample type	RNA
Size range	Up to 13 kb
LOD ⁽¹⁾	60 pg/ μL
Sample volume	25 μL
Migration time repeatability	< 2%
Area repeatability	< 20%

(1) Limit of detection: the concentration
for a single fragment which gives a
signal-to-noise ratio of 3 (peak height)