

## **DNA Sequence Library for External RNA Controls**

|                 |                                   |
|-----------------|-----------------------------------|
| Art. ID         | NIST-2374                         |
| Unit            | 96 tubes                          |
| Deliverydetails | No Dangerous Good /not restricted |

### Description

This Standard Reference Material (SRM®) is intended for use as a template for ribonucleic acid (RNA) control synthesis using in vitro transcription (IVT). These RNA controls are designed to be used as external, or "spike-in", controls to support confidence in gene expression assays by providing quantitative assessment of the technical performance of a gene expression measurement. A unit of the SRM contains 96 different 0.5 mL polypropylene tubes, with approximately 10 µg of dehydrated plasmid deoxyribonucleic acid (DNA) in each. Each tube contains plasmid DNA with a unique template sequence for a different external RNA control. These controls were developed in cooperation with the External RNA Control Consortium (ERCC).

| Text/Information                       | Analyte/Parameter | CAS number | Concentration/Value | Unit | Method | Source |
|--|-------------------|------------|---------------------|------|--------|--------|
| Please ask for the current certificate |                   |            |                     |      |        |        |