Introduction
Experion RNA HighSens and RNA StdSens analysis kits combine state-of-the-art chip design with high-quality reagents to perform reproducible, quantitative, and accurate RNA analysis in a matter of minutes with the Experion automated electrophoresis system. Streamlined chip preparation methods and minimal sample requirements result in rapid experiments with minimal hands-on time.

The Experion RNA HighSens and RNA StdSens Advantage
Innovative chip design, chemistry, software, and hardware make RNA separation and quantitation fast and easy.
- Single-step determination of RNA integrity (with the RQI-RNA quality indicator number)
- RNA ladder included in each kit
- Analysis of 1–12 samples in as little as 10–30 minutes
- Accurate quantitation of nanogram amounts of RNA
- Sensitivity down to 100 pg/µl with the RNA HighSens kit, dynamic range of 100–5,000 pg/µl
- Sensitivity down to 5 ng/µl with the RNA StdSens kit, dynamic range of 5–500 ng/µl

Experion RNA HighSens and RNA StdSens Chips
Experion RNA chips offer an optimized microchannel architecture within an ergonomic caddy for exceptional RNA separation, chip handling, and results. Each RNA HighSens chip holds up to 11 samples, and each RNA StdSens chip holds up to 12. The chips are clearly labeled with well number, priming code, lot number, and expiration date for easy, error-free runs.

Single-Step RNA Analysis in 30 Minutes

- Clearly defined wells for easy sample loading
- Clearly labeled lot number and expiration date
- Approximate size (30 x 50 x 10 mm)
Experion RNA HighSens and RNA StdSens Reagents

Accurate assessment of RNA integrity is essential to the success of quantitative RT-PCR and microarray experiments. Experion RNA analysis kits offer single-step RNA integrity determination for confidence without delay. Experion RNA analysis kits include the following reagents and supplies:

- High-quality gel matrix for improved separation compared to agarose RNA gels, with significantly lower sample requirements
- Fluorescent dye for high-sensitivity and accurate detection
- Exclusive Experion RNA ladder for accurate sizing and quantitation
- Optimized loading buffer for reproducible results
- Sensitivity enhancer in RNA HighSens kit for accurate analysis at picogram levels
- Spin filters for convenient gel preparation

Ordering Information

<table>
<thead>
<tr>
<th>Catalog #</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>700-7103</td>
<td>Experion RNA StdSens Analysis Kit for 10 Chips, includes 10 RNA StdSens chips, 1,250 µl RNA gel, 20 µl RNA StdSens stain, 20 µl RNA ladder, 900 µl RNA StdSens loading buffer, 2 spin filters</td>
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<tr>
<td>700-7104</td>
<td>Experion RNA StdSens Analysis Kit for 25 Chips, includes 25 RNA StdSens chips, 2 x 1,250 µl RNA gel, 2 x 20 µl RNA StdSens stain, 2 x 20 µl RNA ladder, 2 x 900 µl RNA StdSens loading buffer, 4 spin filters</td>
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<tr>
<td>700-7105</td>
<td>Experion RNA HighSens Analysis Kit for 10 Chips, includes 10 RNA HighSens chips, 1,250 µl RNA gel, 20 µl RNA HighSens stain, 20 µl RNA ladder, 900 µl RNA HighSens loading buffer, 100 µl RNA sensitivity enhancer, 2 spin filters</td>
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<tr>
<td>700-7106</td>
<td>Experion RNA HighSens Analysis Kit for 25 Chips, includes 25 RNA HighSens chips, 2 x 1,250 µl RNA gel, 2 x 20 µl RNA HighSens stain, 20 µl RNA ladder, 2 x 900 µl RNA HighSens loading buffer, 2 x 100 µl RNA sensitivity enhancer, 4 spin filters</td>
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<tr>
<td>700-7111</td>
<td>Experion RNA StdSens Starter Kit</td>
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<tr>
<td>700-7001</td>
<td>Experion System, 100–240 V, for RNA analysis, includes electrophoresis station, priming station, vortex station, software, USB2 cable, test chip, instructions (analysis kits sold separately)</td>
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<tr>
<td>700-7252</td>
<td>Experion Electrode Cleaner, 250 ml</td>
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<tr>
<td>700-7253</td>
<td>Experion DEPC-Treated Water, 100 ml</td>
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