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EPICENTRE's new ScriptSeq™ mRNA-Seq Library Preparation Kit (Illumina-compatible) uses a unique terminal-tagging technology that simplifies the preparation of mRNA-Seq libraries from any animal, plant, or bacterial species.

**ScriptSeq Illumina-compatible libraries:**

- Enable directional sequencing.
- Are made in 3 hours without the need for adaptor ligation.
- Are barcode-capable. Easily incorporate Illumina-compatible barcodes (available separately) or user-defined barcodes.
- Demonstrate high concordance with MAQC qPCR results.

*Covered by issued and/or pending patents.

**ScriptSeq™ mRNA-Seq Library Preparation Kit (Illumina-compatible) generates libraries for directional sequencing in less than 3 hours.** Times for each step are shown in hours/minutes.

<table>
<thead>
<tr>
<th>Conventional mRNA-Seq Method</th>
<th>ScriptSeq™ Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fragment RNA (1:00)</td>
<td>Fragment RNA and synthesize di-tagged cDNA (1:40)*</td>
</tr>
<tr>
<td>Synthesize cDNA (4:30)</td>
<td>Clean up cDNA (0:10)</td>
</tr>
<tr>
<td>Ligate adaptors (2:00)</td>
<td>—</td>
</tr>
<tr>
<td>Size-select from gel (1:30)</td>
<td>Enrich library by PCR (1:00)</td>
</tr>
<tr>
<td>Enrich library by PCR (1:00)</td>
<td>—</td>
</tr>
<tr>
<td>Total Time: 10:00</td>
<td>Total Time: ~3:00</td>
</tr>
</tbody>
</table>

*single-tube reaction

---

**Correlation of gene expression between EPICENTRE ScriptSeq™ libraries and corresponding MAQC data.**

A) Libraries prepared from rRNA-depleted, intact UHRR and BrRR. B) Libraries prepared from partially fragmented, rRNA-depleted UHRR and BrRR. UHRR, Universal Human Reference RNA; BrRR, Brain Reference RNA.

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ScriptSeq™ mRNA-Seq Library Preparation Kit (Roche Titanium-compatible) and ScriptMiner™ Small RNA-Seq Library Preparation Kit (Illumina-compatible) are also available. For more information, visit: [www.EpiBio.com/rnaseq](http://www.EpiBio.com/rnaseq)
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