PRODUCT:  Human Kidney Tumor Total RNA

<table>
<thead>
<tr>
<th>CATALOG No.</th>
<th>AMOUNT</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>636632</td>
<td>40 µg</td>
<td>Total RNA isolated by a modified guanidinium thiocyanate method (1).</td>
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</tbody>
</table>

**LOT NUMBER** 1202938A

**FORM**
Suspension of total RNA in RNase-Free water (1 mg/ml)

**STORAGE CONDITIONS**
Store at –70°C

**TOTAL RNA SOURCE**
Kidney renal cell carcinoma isolated from a 51-year-old male Caucasian

**ADDITIONAL CLINICAL INFORMATION**
Morphology:  M8312/3
Neoplasms:  189.0

**METASTASIS:** none seen

**IMPORTANT NOTE**
To prevent contamination by RNases, always wear gloves when handling RNA. Avoid multiple freeze/thaw cycles.

**FOR RESEARCH USE ONLY**

**QUALITY CONTROL DATA**
This lot of total RNA was analyzed by capillary electrophoresis (CE) using an Agilent 2100 Bioanalyzer. The actual electropherogram trace for this RNA is provided below. RNA concentration and purity were evaluated by UV spectrophotometry. Both the area ratio of the 28S/18S rRNA peaks, and the proportion (relative percentage) of these two peak areas to the total area under the electropherogram provide reliable quantitative estimates of RNA integrity. For both of these criteria, this sample meets or exceeds Clontech standards for high-quality total RNA.

| Peak Areas: 28S: 27.3% | 18S: 18.2% | Ratio 28S/18S: 1.5 | Ratio A_260/A_280: 2.0 |

![Electropherogram Trace](image)

**REFERENCES**
Human Kidney Tumor Total RNA

CATALOG NO.

636632

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