Human Cell Line MTC™ Panel

Catalog No. 636753  Lot Number 1309327A

Description
Panel of normalized, first strand cDNA preparations from RNA from the tissues/cells listed on page 2. The cDNAs included in the MTC Panels can be used as templates for PCR using gene-specific primers to study tissue expression patterns. Each cDNA preparation is sufficient for 10 PCR amplifications. G3PDH PCR Primers and Control cDNA are included for 10 positive control reactions.

Package Contents
- 50 μl First-strand cDNA from each of the tissues/cells specified on page 2
- 50 μl Human Control cDNA
- 40 μl G3PDH Control 5' & 3' PCR Primers (10 μM each)

Storage Conditions
- Store at −20°C

Shelf Life
- 1 year from date of receipt under proper storage conditions.

Shipping Conditions
- Dry ice (−70°C)

Number of Samples: 8

Concentration: ~2.0 ng/μl

RNA Type: Total RNA

RNA Source
The age and sex of tissue/cell donors are specified on the back of this page. All tissue sources, as far as can be determined, are free from disease.

Normalization
The following genes were used to normalize the concentration of the cDNA samples:

- alpha-tubulin
- beta-actin
- G3PDH
- phospholipase A2
Product Documents
Documents for Clontech® products are available for download at [www.clontech.com/manuals](http://www.clontech.com/manuals). The following documents apply to this product:

- cDNA Panels User Manual (PT3158-1)

Quality Control Data
5 μl of each cDNA preparation, including the Control DNA, was tested in a separate 50 μl PCR amplification using the G3PDH Control Primers. After 22 cycles, a 5 μl sample of each PCR product was run on a 1.2% agarose/EtBr gel. Each reaction produced a single band of the expected size (983 bp).

Tissue or Cell Line Sources

<table>
<thead>
<tr>
<th>Tissue/Cell Line</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ad5 Transformed</td>
<td>Ad5 cell line; ATCC #293</td>
</tr>
<tr>
<td>ovarian Carcinoma</td>
<td>ovarian carcinoma cell line; ATCC #SKOV-3</td>
</tr>
<tr>
<td>osteocarcinoma</td>
<td>osteocarcinoma cell line; ATCC #Saos2</td>
</tr>
<tr>
<td>epidermoid carcinoma</td>
<td>epidermoid carcinoma cell line: ATCC #A431</td>
</tr>
<tr>
<td>prostatic carcinoma</td>
<td>prostatic carcinoma cell line: ATCC #Du145</td>
</tr>
<tr>
<td>non-small lung</td>
<td>non-small lung cell line; ATCC #H1299</td>
</tr>
<tr>
<td>human cell line</td>
<td>hela cell line: ATCC #CCL-2</td>
</tr>
<tr>
<td>human cell line-MCF7</td>
<td>N/A</td>
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</tbody>
</table>
Notice to Purchaser

Human Cell Line MTC™ Panel

CATALOG NO.
636753

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<table>
<thead>
<tr>
<th>United States/Canada</th>
<th>Asia Pacific</th>
<th>Europe</th>
<th>Japan</th>
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</thead>
<tbody>
<tr>
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<td>+1.650.919.7300</td>
<td>+33.(0)1.3904.6880</td>
<td>+81.(0)77.543.6116</td>
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