# Human Urinary bladder tumor cell lines

Part of the CLS cell bank

<table>
<thead>
<tr>
<th>Name of cell line</th>
<th>Cell type</th>
<th>Organism, Ethnicity</th>
<th>Age / Gender</th>
<th>Tissue / Disease</th>
<th>Morphology</th>
<th>Growth properties</th>
<th>CLS order no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>5637</td>
<td>Human Urinary bladder carcinoma cell line</td>
<td>Homo sapiens (Human) / Caucasian</td>
<td>68 years / Male</td>
<td>Bladder (urinary), Carcinoma</td>
<td>Epithelial</td>
<td>Monolayer, Adherent</td>
<td>300105</td>
</tr>
<tr>
<td>CLS-439</td>
<td>Human Urinary bladder Epithelial cell line</td>
<td>Homo sapiens (Human) / Caucasian</td>
<td>61 years / Male</td>
<td>Bladder (urinary)</td>
<td>Epithelial</td>
<td>Monolayer, Adherent</td>
<td>300150</td>
</tr>
<tr>
<td>ECV-304</td>
<td>Human Urinary bladder Carcinoma cell line</td>
<td>Homo sapiens (Human) / Caucasian</td>
<td>Female</td>
<td>Bladder (urinary), Carcinoma</td>
<td>Epithelial</td>
<td>Monolayer, Adherent</td>
<td>300452</td>
</tr>
<tr>
<td>HB-CLS-1</td>
<td>Human Urinary bladder Carcinoma cell line</td>
<td>Homo sapiens (Human) / Caucasian</td>
<td>62 years / Male</td>
<td>Urinary bladder, carcinoma, GII;</td>
<td>Epithelial</td>
<td>Monolayer, Adherent</td>
<td>300190</td>
</tr>
<tr>
<td>HB-CLS-2</td>
<td>Human Urinary bladder Carcinoma cell line</td>
<td>Homo sapiens (Human) / Caucasian</td>
<td>50 years / Male</td>
<td>Urinary bladder carcinoma, GII.</td>
<td>Epithelial</td>
<td>Monolayer, Adherent</td>
<td>300191</td>
</tr>
<tr>
<td>RT-112</td>
<td>Human Urinary bladder Carcinoma cell line</td>
<td>Homo sapiens (Human) / Caucasian</td>
<td>Female</td>
<td>Bladder (urinary), Carcinoma</td>
<td>Epithelial</td>
<td>Monolayer, Adherent</td>
<td>300324</td>
</tr>
<tr>
<td>RT-112-D21</td>
<td>Human Urinary bladder Carcinoma cell line</td>
<td>Homo sapiens (Human) / Caucasian</td>
<td>Female</td>
<td>Bladder (urinary), Carcinoma</td>
<td>Epithelial</td>
<td>Monolayer, Adherent</td>
<td>300325</td>
</tr>
<tr>
<td>RT-4</td>
<td>Human Urinary bladder papilloma cell line</td>
<td>Homo sapiens (Human) / Caucasian</td>
<td>63 years / Male</td>
<td>Bladder, urinary, Transitional cell papilloma.</td>
<td>Epithelial</td>
<td>Monolayer, Adherent</td>
<td>300326</td>
</tr>
<tr>
<td>T24</td>
<td>Human Urinary bladder Carcinoma cell line</td>
<td>Homo sapiens (Human) / Caucasian</td>
<td>81 years / Female</td>
<td>Bladder (urinary), Transitional cell carcinoma</td>
<td>Epithelial</td>
<td>Monolayer, Adherent</td>
<td>300352</td>
</tr>
</tbody>
</table>
Information on cell culture conditions, authentication data and others can be found on the website: www.clsmbh.de

<table>
<thead>
<tr>
<th>Name of cell line</th>
<th>Cell type</th>
<th>Isoenzymes</th>
<th>Tumor antigens</th>
<th>Karyotype</th>
<th>Secretion of Products</th>
<th>Ref ID in Cellosaurus</th>
<th>CLS order no.</th>
</tr>
</thead>
</table>
| 5637  
CLS-439  
ECV-304  
HB-CLS-1  
HB-CLS-2  
RT-112  
RT-112-D21  
RT-4  
T24 | Human Urinary bladder carcinoma cell line  
Human Urinary bladder Epithelial cell line  
Human Urinary bladder Carcinoma cell line  
Human Urinary bladder Carcinoma cell line  
Human Urinary bladder Carcinoma cell line  
Human Urinary bladder Carcinoma cell line  
Human Urinary bladder Carcinoma cell line  
Human Urinary bladder papilloma cell line  
Human Urinary bladder carcinoma cell line | Me-2, 1; PGM3, 2; PGM1, 1; ES-D, 1; AK-1, 1; GLO-1, 1-2; G6PD, B.  
Me-2, 1; PGM3, 1-2; PGM1, 1-2; ES-D, 1-2; AK-1, 1; GLO-1, 1-2; G6PD, B.  
P53 positive  
P53 positive; Cytokeratine (4), (5), (6), 7, 8, 13, 17, 18, 19, Desmoplakin.  
P53 positive; Cytokeratine (4), (5), (6), 7, 8, 13, 17, 18, 19, Desmoplakin.  
P53 positive  
P53 positive  
(P174) hyperdiploid and hypertetraploid to hypotetraploid with abnormalities including dicentrics, breaks, translocations and minutes | Phenotype Frequency Product: 0.0056  
Phenotype Frequency Product: 0.0050  
p53 positive  
DNA index: 2,1  
DNA index: 2,1 | IL-1, IL-6, G-CFS, GM-CSF, SCF  
IL-1, IL-6, G-CFS, GM-CSF, SCF | RRID:CVLL_0126  
RRID:CVCL_5982  
RRID:CVCL_2029  
RRID:CVCL_6213  
RRID:CVCL_6214  
RRID:CVCL_1670  
RRID:CVCL_6215  
RRID:CVCL_0026 | 300105  
300150  
300452  
300190  
300191  
303249  
303250  
303260 |
References:


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