

# EBV Transformed Human B Cell Lymphoblastoid Data Sheet

This data sheet is applicable to all Human B-Lymphoblastoid cell lines supplied by the European Collection of Cell Cultures.

<b>DESCRIPTION:</b>	EBV Transformed Human B Cell Lymphoblastoid
<b>MEDIUM:</b>	RPMI 1640 + 2mM glutamine + 10% FBS
<b>SUB CULTURE ROUTINE:</b>	Maintain cultures between 3 x 100,000 – 2 x 1,000,000 cells.ml; 5% CO <sub>2</sub> 37 <sup>0</sup> C
<b>CELL TYPE:</b>	Suspension
<b>RESUSCITATE INTO:</b>	10ml

## IMPORTANT SAFETY INFORMATION FOR HANDLING CELL LINES

### CELL CULTURE HAZARD

Cell line of human origin, immortalised with Epstein-Barr Virus (EBV). Such cultures are potentially infectious to humans. Handle at ACDP Category II.

### MATERIALS SAFETY DATA

This information is provided for your own risk assessment procedures – within the UK if you have general safety enquiries please consult the COSHH regulations 1988 from the HSE or contact the COSHH information service.

### FROZEN AMPOULES

These are 1ml plastic cryotubes containing cells, (refer to the cell culture hazard above) and % FBS including 10% (v/v) dimethylsulphoxide (DMSO) which is toxic and readily penetrates the skin. The ampoules are packed in solid carbon dioxide pellets which will cause frost-bite on contact with skin. On very rare occasions residual liquid nitrogen may be present in ampoules. On warming, these ampoules may present an explosive hazard.

## GROWTH OF LYMPHOBLASTOID CELL LINES

- These cells should be grown in RPMI 1640 containing 10% FCS and HEPES (or culture in a CO<sub>2</sub> incubator), in a 25cm<sup>2</sup> flask
- After 18-24 hours and if the cells appear healthy, add a further 5-10ml of media
- Continue to feed at 2-3 day intervals until a volume of 30ml is reached, at which time the cells should be transferred to a 75cm<sup>2</sup> flask in 50ml media
- Lymphoblastoid cells are suspension growers and will appear as white clumps visible to the naked eye. Healthy media should be orange to yellow in colour.

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