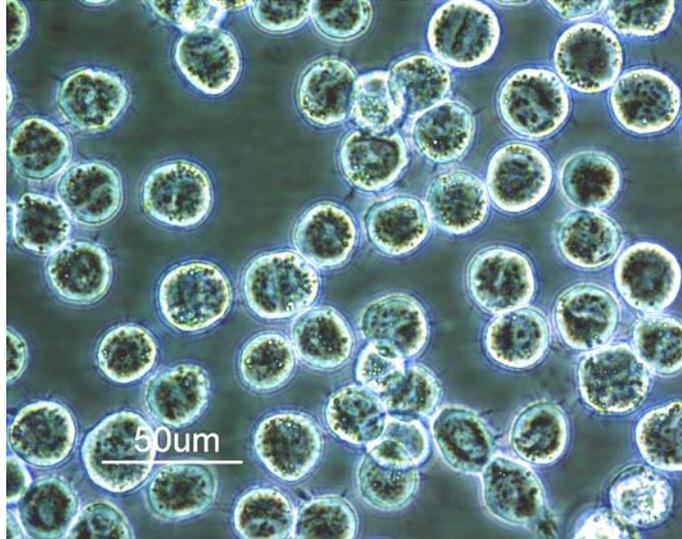


Cell line designation: IPLB-Ld652Y

Tissue source: *Lymantria dispar* ovaries

Morphology: Fibroblastoid cells

Culture medium: ExCell 420 (SAFC Biosciences, formerly JRH Biosciences)



Alternative (original) medium:

Modified IPL-52B that contains:

100 ml Goodwin's IPL-52B (without NaHCO<sub>3</sub>)

5 ml Stock P (see below)

10 ml Fetal bovine serum (heat inactivated)

**Stock "P"**

HyPep Dev 4601 (Quest International) 5 g

Primatone RL (Sheffield Products) 5 g

TC grade water 100 ml

Autoclave, store 4°C

Subculture procedure: Cells are suspended in a one-week-old confluent culture by repeated flushing with medium from a pipet. At one-week intervals, 0.5 ml of old culture is added to 4 ml fresh medium.

Virus susceptibility: Cells are susceptible (with complete occlusion body formation) to: *L. dispar* nucleopolyhedrovirus and *Amsacta moorei* entomopox virus. These cells are semi-permissive (no progeny virus) to AcMNPV.

Comments: This line was established by Goodwin in the mid-1970's along with several other gypsy moth lines. It adapted very quickly to growth in ExCell 400 culture medium.

Reference: Goodwin, R. H., G. J. Tompkins and P. McCawley (1978) Gypsy moth cell lines divergent in viral susceptibility. *In Vitro* 14: 485-494.