

Cell Line Validation



Cell name	Animal	Morphology	Tissue	Adherent/Suspension	Permanent/Primary	Size (µm)
HT1080	Human	Epithelial cells (fibroblasts)	Fibrosarcoma	Adherent	Permanent	12
HEK293T	Human	Epithelial cells	Embryonic kidney	Adherent	Permanent	13
HeLa	Human	Epithelial cells	Cervical cancer	Adherent	Permanent	40
MC3T3	Mouse	Osteoblasts	Calvarial bone marrow	Adherent	Permanent	20-30
hTERT-MSC	Human	Mesenchymal stem cells	Bone marrow	Adherent	Permanent	10-32
C2	Canine	Mast cells	Cytomastoma	Adherent	Permanent	20-30
MTH53A	Canine	Epithelial cells	Breast epithelial tissue	Adherent	Permanent	n/s
FKD-R	Human	Epithelial cells	Small intestine	Adherent	Permanent	n/s
CMT-13	Canine	Mammary cells	Mammary cancer	Adherent	Permanent	n/s
MSC	Human	Mesenchymal stem cells	Bone marrow	Adherent	Primary	10-32
FB	Canine	Fibroblasts	Skin	Adherent	Primary	10-15
HOB	Human	Osteoblasts	Femoral bone marrow	Adherent	Primary	20-30
Jurkat	Human	T-lymphocytes	Peripheral blood	Suspension	Permanent	8
THP1	Human	Monocytes	Peripheral blood	Suspension	Permanent	10
RBC *	Human	Blood cells	Peripheral blood	Suspension	Primary	7-9
WBC	Human	Blood cells	Peripheral blood	Suspension	Primary	8-12

*only validated for cell count