

Tissue Types	Cell Name	VitroGelTypes	Cell Suspension Medium	Injected Cell #	Mixing ratio (gel:cell suspension v/v)	Host	Inject Volume (gel+cells)	Inject side	Tumor growth time to endpoint	Tumor formation rate	Tumor size
Breast	Hs578T	VHM01, TWG003	PBS	1×10^7	4:1 or 2:1 for TWG003, 1:1 for VHM01	Mouse	100 μ L	Subcutaneous	4-6 weeks	100%	20 mm
	MDA-MB-321	VHM01	RPMI164	1×10^7	2:1	NSG mouse	100 μ L	Subcutaneous (right flank)	5-6 weeks	100%	1500-2200 mm ³
	MDA-MB-231	VHM01, TWG003	PBS	1×10^7	4:1 or 2:1 for TWG003, 1:1 for VHM01	Mouse	100 μ L	Subcutaneous & tail vein	4-6 weeks	100%	20 mm
	HCC1806	VHM01	PBS	1×10^7	1:1	Nude mouse	100 μ L	Subcutaneous (dorsal thigh)	2-3 weeks	100%	2000 mm ³
Cervical	HeLa	VHM01	PBS	1×10^6	1:1	Nude mouse	100 μ L	Subcutaneous (dorsal thigh)	7-8 weeks	100%	400 mm ³
	SiHa (HPV+)	VHM01	PBS	2.5×10^6	1:1	Nude mice	100uL	Subcutaneous injection	3-6 weeks	80%	15mm
Colon	HCT-116	VHM01	RPMI164	$0.1 - 1 \times 10^7$	2:1	NSG mouse	100 μ L	Subcutaneous (right flank)	4-5 weeks	100%	850-2800 mm ³
	HCT-116	VHM01	PBS	1×10^7	1:1	Nude mouse	200 μ L	Subcutaneous (dorsal thigh)	2-3 weeks	100%	2000 mm ³
Fibrosarcoma	HT1080	VHM01	PBS	2.5×10^6	1:1	SRG rat	500 μ L	Subcutaneous (dorsal hind flank)	4 weeks	100%	30-40 mm
Glioma	U87-MG	VHM01	PBS	1×10^7	1:1	Nude mouse	200 μ L	Subcutaneous (dorsal thigh)	4-5 weeks	100%	2000 mm ³
Kidney	786-O	VHM01	PBS	5×10^6	1:1	SRG rat	500 μ L	Subcutaneous (dorsal hind flank)	8 weeks **	100%	25 mm
Leukemia	CCRF-CEM	VHM01	PBS	5×10^6	1:1	Nude mouse	100 μ L	Subcutaneous (dorsal thigh)	7-8 weeks	100%	2000 mm ³
Lung	A549	VHM01	RPMI164	1×10^7	2:1	NSG mouse	100 μ L	Subcutaneous (right flank)	5-6 weeks	100%	1900-2400 mm ³
	PDX Lung Cancer Tissue Fragments	VHM01	PBS	fragments	2:1	Mouse	50 μ L	Subcutaneous	8 weeks	100%	500 + mm ³
	Calu-6	VHM01	PBS	1×10^7	1:1	Nude mouse	100 μ L	Subcutaneous (dorsal thigh)	4-5 weeks	100%	2000 mm ³
	H2170	VHM01	PBS	1×10^7	1:1	SRG Rat	500 μ L	Subcutaneous (dorsal hind flank)	9-10 weeks	100%	30-40 mm
	LLC-OVA	VHM01	DMEM	5×10^5	1:1	WT B6 Mouse	100 μ L	Subcutaneous injection (left flank)	2 weeks	100%	14 mm
Melanoma	B16-OVA MO4 Mouse Melanoma Cells	VHM01	DMEM	1.5×10^5	2:1	Mouse	100 μ L	subcutaneous injection	1-2 weeks	70% at 7 days (low cell # injection)	5-7 mm
	A375	VHM01	PBS	5×10^6	1:1	Nude mouse	100 μ L	Subcutaneous (dorsal thigh)	5-6 weeks	100%	2000 mm ³
	B16-OVA MO4 Mouse Melanoma Cells	VHM01	DMEM	1.5×10^5	2:1	Mouse	100 μ L	subcutaneous injection	7-9 days	70% at 7 days (low cell # injection)	5-7 mm
Neuroblastoma	Neuroblastoma PDX cells	VHM01	PBS	1×10^7	1:1	Nude Mouse	100 μ L	Subcutaneous injection	4-6 weeks	100%	300 mm ³
	BE2C	VHM01	HBSS	1×10^6	1:1	NOD-SCID mice	100uL	Subcutaneous injection	2-4 weeks	80%	10-15mm
Oral	HSC-2	VHM01	PBS	1.5×10^6	1:1	Nude mouse	100 μ L	Subcutaneous	2-3 weeks	100%	10-15 mm
Pancreas	ASPC-1	VHM01	RPMI164	1×10^7	2:1	NSG mouse	100 μ L	Subcutaneous (right flank)	5-6 weeks	100%	900-1700 mm ³
	PANC1	VHM01	PBS	1×10^7	1:1	Nude mouse	200 μ L	Subcutaneous (dorsal thigh)	8-9 weeks	100%	400 mm ³
Prostate	Mouse Prostate Cancer Cells	VHM01	PBS	1×10^6	1:1	Mouse	100 μ L	subcutaneous injection	1-2 weeks	100%	5-7 mm
	PC3	VHM01	PBS	2×10^6	1:1	Nude mouse	100 μ L	Subcutaneous (dorsal thigh)	8 weeks	100%	1000 mm ³
	PC3	VHM01	PBS	5×10^6	1:1	SRG Rat	500 μ L	Subcutaneous (dorsal hind flank)	8 weeks	100%	30-40 mm
	A549	VHM01	RPMI164	1×10^7	2:1	NSG mouse	100 μ L	Subcutaneous injection (right flank)	5-6 weeks	100%	1900-2400 mm ³
Tongue	CAL-27	VHM01	PBS	1×10^7	1:1	Nude mouse	100 μ L	Subcutaneous	2-3 weeks	100%	15-25 mm