

Functional Cell-based Bioassays and Immunoassays for Biologics Drug Development

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Human ADCC Reporter Bioassays

Bioassay	Cell Components	Part #
ADCC Reporter Bioassays, V Variant		
Complete Kit (WIL2-S) ¹	Fc γ R1IIa-V158 Effector Cells Target Cells: WIL2-S or Raji cells	G7014
Complete Kit (Raji)		G7015
Core Kit ²		G7010
Core Kit 5X		G7018
Target Kit (WIL2-S) ³		G7013
Target Kit (Raji)		G7016
Propagation Model ⁴		G7102
CD38 Knock-Out Core Kit	Fc γ R1IIa-V158 Effector Cells, CD38-KO	CS313304
CD38 Knock-Out Core Kit 5X		CS313306
CD38 Knock-Out, Propagation Model		CS313302
Control Ab, Anti-CD20	N/A	GA1130
ADCC Reporter Bioassay, F Variant⁵		
Core Kit ²	Fc γ R1IIa-F158 Effector Cells	G9790
Core Kit 5X		G9798
Propagation Model ⁴		G9302

Human ADCP Reporter Bioassays

Bioassay	Cell Components	Part #
FcγR1IIa-H ADCP Reporter Bioassay		
Complete Kit ¹	Fc γ R1IIa-H131 Effector Cells	G9901
Core Kit ²		G9991
Core Kit 5X		G9995
Propagation Model ⁴		G9871
FcγR1IIa-R ADCP Reporter Bioassay		
Core Kit ²	Fc γ R1IIa-R131 Effector Cells	CS1781B08
Core Kit 5X		CS1781B15
Propagation Model ⁴		CS1781B06
FcγRI ADCP Reporter Bioassay		
Core Kit ²	Fc γ RI Effector Cells	GA1341
Core Kit 5X		GA1345
Propagation Model ⁴		GA1332
Cell Bank ²⁵		GA1330
ADCP Reporter Bioassay (THP-1)		
ADCP Reporter Bioassay (THP-1)	ADCP Bioassay Effector Cells (THP-1)	JA9411
ADCP Reporter Bioassay (THP-1) 5X		JA9415
ADCP Reporter Bioassay (THP-1), Propagation Model		GA1272
ADCP Bioassay Effector Cells (THP-1), Cell Bank		GA6020

Human Inhibitory Fc Reporter Bioassays

Bioassay	Cell Components	Part #
FcγR1Ib Reporter Bioassay		
Core Kit ²	Fc γ R1Ib Effector Cells	CS1781E02
Core Kit 5X		CS1781E04
Propagation Model ⁴		CS1781E07



Mouse ADCC/ADCP Reporter Bioassays

Bioassay	Cell Components	Part #
Mouse FcγRIV ADCC Reporter Bioassay		
Complete Kit ¹	Mouse Fc γ RIV Effector Cells	M1201
Core Kit ²		M1211
Core Kit 5X		M1215
Propagation Model ⁴		M1212
Control Ab, mADCC		G7210
Mouse FcγRIII ADCC Reporter Bioassay		
Core Kit ²	Mouse Fc γ RIII Effector Cells	CS1779B08
Core Kit 5X		CS1779B10
Propagation Model ⁴		CS1779B06
Mouse FcγRI ADCP Reporter Bioassay		
Core Kit	Mouse Fc γ RI Effector Cells	CS354405
Core Kit 5X		CS354407
Propagation Model		CS354402
Mouse FcγRIIb Reporter Bioassay		
Core Kit	Mouse Fc γ RIIb Effector Cells	CS354413
Core Kit 5X		CS354415
Propagation Model		CS354410

Cynomolgus ADCC/ADCP Reporter Bioassays

Bioassay	Cell Components	Part #
Cynomolgus FcγRI ADCP Reporter Bioassay		
Core Kit ²	Cynomolgus Fc γ RI Effector Cells	CS359505
Core Kit 5X		CS359507
Propagation Model ⁴		CS359502
Cynomolgus FcγRIIa ADCP Reporter Bioassay		
Core Kit ²	Cynomolgus Fc γ RIIa Effector Cells	CS359512
Core Kit 5X		CS359514
Propagation Model ⁴		CS359509
Cynomolgus FcγRIIb ADCP Reporter Bioassay		
Core Kit	Cynomolgus Fc γ RIIb Effector Cells	CS359519
Core Kit 5X		CS359521
Propagation Model		CS359516
Cynomolgus FcγRIII ADCC Reporter Bioassay		
Core Kit	Cynomolgus Fc γ RIII Effector Cells	CS359526
Core Kit 5X		CS359528
Propagation Model		CS359523

Human Fc Receptor Immunoassays

Product	# Assays	Part #
Lumit™ FcRn & FcγR Binding Immunoassays		
FcRn Binding Immunoassay	100 assays	W1151
FcRn Binding Immunoassay 10X	1000 assays	W1152
Fc γ RI Binding Immunoassay	100 assays	CS3041A01
Fc γ RIIA (H131) Binding Immunoassay	100 assays	CS3041A02
Fc γ RIIA (R131) Binding Immunoassay	100 assays	CS3041A03
Fc γ RIIIA (V158) Binding Immunoassay	100 assays	CS3041A04
Fc γ RIIIA (F158) Binding Immunoassay	100 assays	CS3041A05



Immune Checkpoint Co-Inhibitory Bioassays

Bioassay	Cell Components	Part #
PD-1/PD-L1 Blockade Bioassay		
PD-1/PD-L1 Blockade Bioassay ⁹	PD-1 Effector Cells PD-L1 aAPC/CHO-K1 Cells ¹⁰	J1250
PD-1/PD-L1 Blockade Bioassay 5X		J1255
PD-1/PD-L1 Blockade Bioassay, Propagation Model ⁴		J1252
PD-L1 Negative Cells	PD-L1 Negative aAPC/CHO-K1 Cells	J1191
PD-L1 Negative Cells 5X		J1195
Control Ab, Anti-PD-1	N/A	J1201
Mouse PD-1/PD-L1 Blockade Bioassay		
Mouse PD-1/PD-L1 Blockade Bioassay Kit ⁹	Mouse PD-1 Effector Cells Mouse PD-L1 aAPC/CHO-K1 Cells ¹⁰	CS303201
Mouse PD-1/PD-L1 Blockade Bioassay Kit 5X		CS303205
Mouse PD-1/PD-L1 Blockade Bioassay, Propagation Model ⁴		CS303209
PD-1/PD-L2 Blockade Bioassay		
PD-1/PD-L2 Blockade Bioassay Kit ⁹	PD-1 Effector Cells PD-L2 aAPC/CHO-K1 Cells ¹⁰	CS187131
PD-1/PD-L2 Blockade Bioassay Kit 5X		CS187135
PD-1/PD-L2 Blockade Bioassay, Propagation Model ⁴		CS187142
PD-L2 aAPC/CHO-K1 Cells, Propagation Model ⁴	PD-L2 aAPC/CHO-K1 Cells ¹⁰	CS187141
CTLA-4 Blockade Bioassay		
CTLA-4 Blockade Bioassay ⁹	CTLA-4 Effector Cells aAPC/Raji Cells ¹⁰	JA3001
CTLA-4 Blockade Bioassay 5X		JA3005
CTLA-4 Blockade Bioassay, Propagation Model ⁴		JA1400
Control Ab, Anti-CTLA-4	N/A	JA1020
TIGIT/CD155 Blockade Bioassay²³		
TIGIT/CD155 Blockade Bioassay ⁹	TIGIT Effector Cells CD155 aAPC/CHO-K1 Cells ¹⁰	J2201
TIGIT/CD155 Blockade Bioassay 5X		J2205
TIGIT/CD155 Blockade Bioassay, Propagation Model ⁴		J2092
TIGIT Negative Cells	TIGIT Negative Effector Cells	J1921
Control Ab, Anti-TIGIT	N/A	J2051
TIGIT/CD112 Blockade Bioassay		
TIGIT/CD112 Blockade Bioassay Kit ⁹	TIGIT Effector Cells CD112 aAPC/CHO-K1 Cells	CS198826
TIGIT/CD112 Blockade Bioassay Kit 5X		CS198829
TIGIT/CD112 Blockade Bioassay, Propagation Model ⁴		CS198825
CD112R/CD112 Blockade Bioassay		
CD112R/CD112 Blockade Bioassay Kit ⁹	CD112R Effector Cells CD112 aAPC/CHO-K1 Cells ¹⁰	CS314006
CD112R/CD112 Blockade Bioassay Kit 5X		CS314008
CD112R/CD112 Blockade Bioassay, Propagation Model ⁴		CS314001
CD226/CD155 Blockade Bioassay		
CD226/CD155 Blockade Bioassay Kit ⁹	CD226 Effector Cells CD155 aAPC/CHO-K1 Cells ¹⁰	CS1978F07
CS226/CS155 Blockade Bioassay Kit 5X		CS1978F09
CD226/CD155 Blockade Bioassay, Propagation Model ⁴		CS1978F17
CD96/CD155 Blockade Bioassay		
CD96/CD155 Blockade Bioassay Kit	CD96 Effector Cells CD155 aAPC/CHO-K1 Cells	CS350306
CD96/CD155 Blockade Bioassay Kit 5X		CS350308
CD96/CD155 Blockade Bioassay, Propagation Model		CS350309
LAG-3/MHCII Blockade Bioassay		
LAG-3/MHCII Blockade Bioassay ¹¹	LAG-3 Effector Cells	JA1111



LAG-3/MHCII Blockade Bioassay 5X	MHCII APC Cells	JA1115
LAG-3/MHCII Blockade Bioassay, Propagation Model ⁴		JA1112
TCR Activating Antigen	N/A	K1201
Control Ab, Anti-LAG-3		K1150
TIM-3 Bioassay		
TIM-3 Bioassay Kit ⁹	TIM-3 Effector Cells TIM-3 Target Cells	JA2211
TIM-3 Bioassay Kit 5X		JA2215
TIM-3 Bioassay, Propagation Model ⁴		JA2222
Control Ab, Anti-TIM-3	N/A	K1210
ICOS Blockade Bioassay¹³		
ICOS Blockade Bioassay Kit ⁹	ICOS Effector Cells ICOSL aAPC/CHO-K1 Cells ¹⁰	JA6001
ICOS Blockade Bioassay Kit 5X		JA6005
ICOS Blockade Bioassay, Propagation Model ⁴		JA6072
Control Ab, Anti-ICOS	N/A	K1241
CD28 Blockade Bioassay⁵		
CD28 Blockade Bioassay Kit ⁹	CD28 Effector Cells aAPC/Raji Cells ¹⁰	JA6101
CD28 Blockade Bioassay Kit 5X		JA6105
CD28 Blockade Bioassay, Propagation Model ⁴		JA7072
Control Ab, Anti-CD28	N/A	K1231
BTLA/HVEM Blockade Bioassay		
BTLA/HVEM Blockade Bioassay Kit ⁹	BTLA Effector Cells HVEM aAPC/CHO-K1 Cells ¹⁰	CS1978E04
BTLA/HVEM Blockade Bioassay Kit 5X		CS1978E08
BTLA/HVEM Blockade Bioassay, Propagation Model ⁴		CS1978E01
SIRPα/CD47 Blockade Bioassays¹²		
SIRPα/CD47 Blockade Bioassay, Fc-Dependent ⁹	SIRPα Effector Cells CD47 CHO-K1 Target Cells	JA4801
SIRPα/CD47 Blockade Bioassay, Fc-Dependent 5X		JA4805
SIRPα/CD47 Blockade Bioassay, Fc-Dependent, Propagation Model ⁴		JA4802
SIRPα/CD47 Blockade Bioassay	SIRPα Effector Cells CD47/FcγR-A CHO-K1 Target Cells	JA6011
SIRPα/CD47 Blockade Bioassay 5X		JA6015
SIRPα/CD47 Blockade Bioassay, Propagation Model ⁴		JA6012
ILT-2/HLA-G & ILT-4/HLA-G Blockade Bioassay⁹ <i>*ILT-2 also known as LILRB1; *ILT-4 also known as LILRB2</i>		
ILT-2/HLA-G Blockade Bioassay	ILT-2 Effector Cells HLA-G aAPC/CHO-K1 Cells	CS3627B11
ILT-2/HLA-G Blockade Bioassay 5X		CS3627B13
ILT-2/HLA-G Blockade Bioassay, Propagation Model		CS3627B16
ILT-4/HLA-G Blockade Bioassay	ILT-4 Effector Cells HLA-G aAPC/CHO-K1 Cells	CS331106
ILT-4/HLA-G Blockade Bioassay 5X		CS331108
ILT-4/HLA-G Blockade Bioassay, Propagation Model		CS331103
DR3/TL1A Blockade Bioassay		
DR3/TL1A Blockade Bioassay	DR3 Effector Cells TL1A Target Cells	CS3627B23
DR3/TL1A Blockade Bioassay 5X		CS3627B25
DR3/TL1A Propagation Model		CS3627B20

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Immune Checkpoint Co-Stimulatory Bioassays

Bioassay	Cell Components	Part #
4-1BB Bioassay		
4-1BB Bioassay ⁹	4-1BB Effector Cells	JA2351
4-1BB Bioassay 5X		JA2355
4-1BB Bioassay, Propagation Model ⁴		J2332
Control Ab, Anti-4-1BB	N/A	K1161
Mouse 4-1BB Bioassay		
Mouse 4-1BB Bioassay Kit	Mouse 4-1BB Effector Cells	CS339003
Mouse 4-1BB Bioassay Kit 5X		CS339006
Mouse 4-1BB Bioassay, Propagation Model		CS339001
CD40 Bioassay		
CD40 Bioassay Kit ⁹	CD40 Effector Cells	JA2151
CD40 Bioassay Kit 5X		JA2155
CD40 Bioassay, Propagation Model ⁴		J2132
Control Ab, Anti-CD40	N/A	K1181
OX40 Bioassay		
OX40 Bioassay Kit ⁹	OX40 Effector Cells	JA2191
OX40 Bioassay Kit 5X		JA2195
OX40 Bioassay, Propagation Model ⁴		J2172
Control Ab, Anti-OX40	N/A	K1191
Mouse OX40 Bioassay		
Mouse OX40 Bioassay, Propagation Model ⁴	Mouse OX40 Effector Cells	CS326802
GITR Bioassay		
GITR Bioassay Kit ⁹	GITR Effector Cells	JA2291
GITR Bioassay Kit 5X		JA2295
GITR Bioassay, Propagation Model ⁴		J2272
Control Ab, Anti-GITR	N/A	K1171
ICOS Bioassay¹⁴		
ICOS Bioassay, Core Kit ⁹	ICOS Effector Cells	JA6801
ICOS Bioassay, Core Kit 5X		JA6805
ICOS Bioassay, Propagation Model ⁴	ICOS Effector Cells FcγRIIb aAPC/CHO-K1 Cells	JA3072
Control Ab, Anti-ICOS	N/A	K1241
CD28 Bioassay¹⁴		
CD28 Bioassay, Core Kit ⁹	CD28 Effector Cells	JA6701
CD28 Bioassay, Core Kit 5X		JA6705
CD28 Bioassay, Propagation Model ⁴	CD28 Effector Cells FcγRIIb aAPC/CHO-K1 Cells	JA1072
Control Ab, Anti-CD28	N/A	K1231
HVEM/LIGHT Bioassay		
HVEM/LIGHT Bioassay Kit ⁹	HVEM Effector Cells	CS1979A30
HVEM/LIGHT Bioassay Kit 5X		CS1979A32
HVEM/LIGHT Bioassay, Propagation Model ⁴		CS1979A16
LIGHT CHO-K1 Cells, Propagation Model	LIGHT CHO-K1 Cells	<i>Please Enquire</i>
CD27 Bioassay		
CD27 Bioassay Kit ⁹	CD27 Effector Cells	CS1979A23
CD27 Bioassay Kit 5X		CS1979A25
CD27 Bioassay, Propagation Model ⁴		CS1979A15
CD70 Cells ¹⁵	CD70 CHO-K1 Cells	CS1979A19



CD226 Bioassay		
CD226 Bioassay Kit	CD226 Effector Cells FcγRIIb aAPC/CHO-K1 Cells	CS1978F11
CD226 Bioassay Kit 5X		CS1978F13
CD226 Bioassay, Propagation Model	CD226 Effector Cells	CS1978F16
DR3 Bioassay		
DR3 Bioassay Kit ⁹	DR3 Effector Cells	CS1979E03
DR3 Bioassay Kit 5X		CS1979E06
DR3 Bioassay, Propagation Model ⁴		CS1979E02
NKp46 Bioassay		
NKp46 Bioassay	NKp46 Effector Cells	CS3627B05
NKp46 Bioassay 5X		CS3627B07
NKp46 Bioassay, Propagation Model		CS3627B02

Immune Checkpoint Combination Bioassays

Bioassay	Cell Components	Part #
PD-1+CTLA-4 Combination Bioassay		
PD-1+CTLA-4 Combination Bioassay ⁹	PD-1+CTLA-4 Effector Cells PD-L1 aAPC/Raji Cells ¹⁰	CS1978D16
PD-1+CTLA-4 Combination Bioassay 5X		CS1978D18
PD-1+CTLA-4 Combination Bioassay, Propagation Model ⁴		CS1978D13
PD-1+TIGIT Combination Bioassay		
PD-1+TIGIT Combination Bioassay ⁹	PD-1+TIGIT Effector Cells PD-L1+CD155 aAPC/CHO-K1 Cells ¹⁰	J2211
PD-1+TIGIT Combination Bioassay 5X		J2215
PD-1+TIGIT Combination Bioassay, Propagation Model ⁴		J2102
TIGIT Negative Cells	TIGIT Negative Effector Cells	J1921
Control Ab, Anti-TIGIT	N/A	J2051
PD-1+LAG-3 Combination Bioassay		
PD-1+LAG-3 Combination Bioassay Kit ⁹	PD-1+LAG-3 Effector Cells PD-L1+MHCII APC Cells	CS1978B11
PD-1+LAG-3 Combination Bioassay Kit 5X		CS1978B15
PD-1+LAG-3 Combination Bioassay, Propagation Model ⁴		CS1978B07
PD-1+4-1BB Combination Bioassay		
PD-1+4-1BB Combination Bioassay Kit ⁹	PD-1+4-1BB Effector Cells PD-L1 aAPC/CHO-K1 Cells ¹⁰	CS1978I05
PD-1+4-1BB Combination Bioassay Kit 5X		CS1978I07
PD-1+4-1BB Combination Bioassay, Propagation Model ⁴		CS1978I03
PD-1+OX40 Combination Bioassay		
PD-1+OX40 Combination Bioassay Kit ⁹	PD-1+OX40 Effector Cells PD-L1 aAPC/CHO-K1 Cells ¹⁰	CS307804
PD-1+OX40 Combination Bioassay Kit, 5X		CS307805
PD-1+OX40 Combination Bioassay Kit, Propagation Model ⁴		<i>Please Enquire</i>



Innate Immune Receptor Bioassays

Bioassay	Cell Components	Part #
TLR Bioassay		
TLR Bioassay	TLR Bioassay Cells	JA9011
TLR Bioassay 5X		JA9015
TLR Bioassay, Propagation Model		GA1322
TLR Bioassay, Cell Bank		GA6010

Accessory Cell Kits for Immune Checkpoint Co-Stimulatory Bioassays

Bioassay	Cell Components	Part #
FcγRIIb⁺ CHO-K1 Cells for GITR, 4-1BB, OX40, and CD40 Bioassays		
Fc γ RIIb CHO-K1 Cells ¹⁶	Fc γ RIIb CHO-K1 Cells	JA2251
Fc γ RIIb CHO-K1 Cells 5X		JA2255
Fc γ RIIb CHO-K1 Cells, Propagation Model ⁴		J2232
FcγRIIb⁺ aAPC/CHO-K1 Cells for ICOS & CD28 Bioassays		
Fc γ RIIb aAPC/CHO-K1 Cells ¹⁷	Fc γ RIIb aAPC/CHO-K1 Cells ¹⁰	JA9331
Fc γ RIIb aAPC/CHO-K1 Cells 5X		JA9335
Fc γ RIIb aAPC/CHO-K1 Cells, Propagation Model		J3252
aAPC/CHO-K1 Cells for ICOS & CD28 Bioassays		
aAPC/CHO-K1 Cells ¹⁷	aAPC/CHO-K1 Cells ¹⁰	JA9441
aAPC/CHO-K1 Cells 5X		JA9445
aAPC/CHO-K1 Cells Propagation Model		J3312

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Cytokine Bioassays

Bioassay	Part #
IL-1 Bioassay	
IL-1 Bioassay	CS200403
IL-1 Bioassay 5X	CS200405
IL-1 Bioassay, Propagation Model ⁴	CS200401
IL-2 Bioassays	
IL-2 Bioassay	JA2201
IL-2 Bioassay 5X	JA2205
IL-2 Bioassay, Propagation Model ⁴	J2952
IL-2R β Bioassay Kit	JA5101
IL-2R β Bioassay Kit 5X	JA5105
IL-2R β Bioassay, Propagation Model ⁴	J3392
IL-2R β Bioassay, Cell Bank	GA1410
IL-4 Bioassay	
IL-4 Bioassay Kit	CS2018H06
IL-4 Bioassay Kit 5X	CS2018H07
IL-4 Bioassay, Propagation Model ⁴	CS2018H02
IL-6 Bioassay	
IL-6 Bioassay	JA2501
IL-6 Bioassay 5X	JA2505
IL-6 Bioassay, Propagation Model ⁴	J2992
IL-7 Bioassay	
IL-7 Bioassay Kit	CS2018J04
IL-7 Bioassay Kit 5X	CS2018J06
IL-7 Bioassay, Propagation Model ⁴	CS2018J02
IL-10 Bioassay	
IL-10 Bioassay Kit	CS2018G04
IL-10 Bioassay Kit 5X	CS2018G06
IL-10 Bioassay, Propagation Model ⁴	CS2018G02
IL-12 Bioassay	
IL-12 Bioassay	JA2601
IL-12 Bioassay 5X	JA2605
IL-12 Bioassay, Propagation Model ⁴	J3042
IL-13 Bioassay	
IL-13 Bioassay Kit	CS2018H06
IL-13 Bioassay Kit 5X	CS2018H07
IL-13 Bioassay, Propagation Model ⁴	CS2018H02
IL-15 Bioassay	
IL-15 Bioassay	JA2011
IL-15 Bioassay 5X	JA2015
IL-15 Bioassay, Propagation Model ⁴	J2962
IL-17 Bioassay	
IL-17 Bioassay Kit	CS2018C06
IL-17 Bioassay Kit 5X	CS2018C08
IL-17 Bioassay, Propagation Model ⁴	CS2018C01
IL-21 Bioassay	
IL-21 Bioassay Kit	CS2018M05
IL-21 Bioassay Kit, 5X	CS2018M07
IL-21 Bioassay, Propagation Model ⁴	CS2018M02
IL-22 Bioassay	
IL-22 Bioassay Kit	CS2018L05



IL-22 Bioassay Kit 5X	CS2018L07
IL-22 Bioassay, Propagation Model ⁴	CS2018L02
IL-23 Bioassay	
IL-23 Bioassay	JA2511
IL-23 Bioassay 5X	JA2515
IL-23 Bioassay, Propagation Model ⁴	J3002
TGF-β Bioassay	
TGF- β Bioassay Kit	CS2018F03
TGF- β Bioassay Kit 5X	CS2018F06
TGF- β Bioassay, Propagation Model ⁴	CS2018F02
BCMA Bioassay	
BCMA Bioassay Kit	CS311108
BCMA Bioassay Kit 5X	CS311110
BCMA Bioassay, Propagation Model ⁴	CS311106
TPO Receptor (Nplate) Bioassay	
TPO Receptor (Nplate) Bioassay Cells	CS2018E01
TPO Receptor (Nplate) Bioassay, Propagation Model ⁴	CS2018E03
IFNα/β Bioassay	
IFN α /IFN β Bioassay Kit	CS190704
IFN α /IFN β Bioassay Kit 5X	CS190706
IFN α /IFN β Bioassay, Propagation Model ⁴	CS190701
IFNγ Bioassay	
IFN γ Bioassay Kit	CS349106
IFN γ Bioassay Kit 5X	CS349107
IFN γ Bioassay, Propagation Model ⁴	CS349102
TNFα Reporter Cells	
TNF α Reporter Cells	CS177503
TNF α Reporter Cell Line	E8520
Other Cytokine Reporters	
EPO Reporter Cell Line ²²	CS204002
GM-CSF Reporter Cell Line ²²	CS204002
EGF Reporter Cell Line	CS181201
G-CSF Reporter Cell Line	CS185302A
RANKL Bioassay	
RANKL Bioassay	JA2701
RANKL Bioassay 5X	JA2705
RANKL Bioassay, Propagation Model ⁴	J3102

Growth Factor Bioassays

Myostatin Bioassay	
Myostatin Bioassay	CS354805
Myostatin Bioassay 5X	CS354807
Myostatin Bioassay, Propagation Model ⁴	CS354802
VEGF Bioassay	
VEGF Bioassay	GA2001
VEGF Bioassay 5X	GA2005
VEGF Bioassay, Propagation Model ⁴	GA1082
Recombinant Human VEGF	J2371
VEGFR1 Bioassay	CS2070A04
VEGFR1 Bioassay 5X	CS2070A09
VEGFR1 Bioassay, Propagation Model ⁴	CS2070A02
GLP-1 Bioassay	



GLP-1 Bioassay	CS3629B05
GLP-1 Bioassay 5X	CS3629B07
GLP-1 Bioassay, Propagation Model	CS3629B02
GloResponse CRE-luc2P HEK293 Bioassay	CS3629B10
GloResponse CRE-luc2P HEK293 Bioassay 5X	CS3629B12
GIP Bioassay	
GIP Bioassay	CS3629B15
GIP Bioassay 5X	CS3629B17
GIP Bioassay, Propagation Model	CS3629B19
Glucagon Bioassay	
Glucagon Bioassay	CS3629B22
Glucagon Bioassay 5X	CS3629B24
Glucagon Bioassay, Propagation Model	CS3629B26

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T Cell Activation Bioassays

Bioassay	Cell Components	Part #
T Cell Activation Bioassay (IL-2)¹⁸		
T Cell Activation Bioassay (IL-2) ⁹	TCR/CD3 Effector Cells (IL-2)	J1651
T Cell Activation Bioassay (IL-2) 5X		J1655
T Cell Activation Bioassay (IL-2), Propagation Model ⁴		J1631
T Cell Activation Bioassay (IL-2), Propagation Model ⁴ – Nluc Version	TCR/CD3 Effector Cells (IL-2) – Nluc Version	CS187005
T Cell Activation Bioassay (NFAT)¹⁸		
T Cell Activation Bioassay (NFAT) ⁹	TCR/CD3 Effector Cells (NFAT)	J1621
T Cell Activation Bioassay (NFAT) 5X		J1625
T Cell Activation Bioassay (NFAT), Propagation Model ⁴		J1601
T Cell Activation Bioassay (NFkB)¹⁸		
T Cell Activation Bioassay (NFkB), Propagation Model	TCR/CD3 Effector Cells (NFkB) TCR/CD3 Effector Cells (NFAT/NFkB)	CS1979A01
T Cell Activation Bioassay (NFAT/NFkB), Propagation Model		CS1978B04
T cell Activation Bioassay (γ952)		
T cell Activation Bioassay (γ952)	γ952 TCR Effector Cells	CS354905
T cell Activation Bioassay (γ952) 5X		CS354907
T cell Activation Bioassay (γ952), Propagation Model		CS354904
T Cell Activation Bioassays (TCRαβ-KO)		
T Cell Activation Bioassay (TCRαβ-KO, CD4+), Propagation Model ⁴	TCRαβ-KO (CD4+) Cells	GA1172
T Cell Activation Bioassay (TCRαβ-KO, CD4+), Cell Bank ²⁵		GA1210
T Cell Activation Bioassay (TCRαβ-KO, CD8+), Propagation Model ⁴	TCRαβ-KO (CD8+) Cells	GA1162
T Cell Activation Bioassay (TCRαβ-KO, CD8+), Cell Bank ²⁵		GA1220
T Cell Activation Bioassay (TCRαβ-KO, CD4+, CD8+), Propagation Model ⁴	TCRαβ-KO (CD4+CD8+) Cells	GA1182
T Cell Activation Bioassay (TCRαβ-KO, CD4+, CD8+), Cell Bank ²⁵		GA1230
T Cell Activation Bioassay (TCRαβ-KO, CD4-, CD8-), Propagation Model ⁴	TCRαβ-KO (CD4-CD8-) Cells	CS310114
TCR Transfection Positive Control Kit ²³	MHCII APC Cells	CS310109
DMF5 TCRαβ-KO (CD8+), Propagation Model ²⁰	DMF5 TCRαβ-KO Cells (CD8+)	CS310108
HPV16 E7 TCRαβ-KO (CD8+), Propagation Model ²⁰	HPV16 E7 TCRαβ-KO Cells (CD8+)	CS339302
HPV16 E7 TCRαβ-KO (CD8+), Cell Bank ²⁵	HPV16 E7 TCRαβ-KO Cells (CD8+)	CS339303



Target Cell Killing – HiBiT Target Cells

Bioassay	Part #
B cell Leukemia Lines	
Raji (HT-HiBiT) TCK Bioassay	JA1211
Raji (HT-HiBiT) TCK Bioassay 5X	JA1215
Raji (HT-HiBiT) TCK Bioassay, Propagation Model	M2452
Raji (HT-HiBiT) Cell Bank	GA6050
Raji (HT-HiBiT) CD19-KO TCK Bioassay	JA1251
Raji (HT-HiBiT) CD19-KO TCK Bioassay 5X	JA1255
Raji (HT-HiBiT) CD20-KO TCK Bioassay	JA1261
Raji (HT-HiBiT) CD20-KO TCK Bioassay 5X	JA1265
Raji (HT-HiBiT) CD19/20-KO TCK Bioassay	JA1271
Raji (HT-HiBiT) CD19/20-KO TCK Bioassay 5X	JA1275
Raji (LDH-HiBiT) TCK Bioassay	JA1311
Raji (LDH-HiBiT) TCK Bioassay 5X	JA1315
Raji (LDH-HiBiT) TCK Bioassay, Propagation Model	M2432
Raji (LDH-HiBiT) Cell Bank	GA6060
Raji (LDH-HiBiT) CD19-KO TCK Bioassay	JA1221
Raji (LDH-HiBiT) CD19-KO TCK Bioassay 5X	JA1225
Raji (LDH-HiBiT) CD19-KO TCK Bioassay, Propagation Model	M2042
Raji (LDH-HiBiT) CD19-KO Cell Bank	GA6100
Raji (LDH-HiBiT) CD20-KO TCK Bioassay	JA1231
Raji (LDH-HiBiT) CD20-KO TCK Bioassay 5X	JA1235
Raji (LDH-HiBiT) CD20-KO TCK Bioassay, Propagation Model	M2062
Raji (LDH-HiBiT) CD20-KO Cell Bank	GA6120
Raji (LDH-HiBiT) CD19/20-KO TCK Bioassay	JA1241
Raji (LDH-HiBiT) CD19/20-KO TCK Bioassay 5X	JA1245
Raji (LDH-HiBiT) CD19/20-KO TCK Bioassay, Propagation Model	M2072
Raji (LDH-HiBiT) CD19/20-KO Cell Bank	GA6130
Ramos (HiBiT) TCK Bioassay	JA1411
Ramos (HiBiT) TCK Bioassay 5X	JA1415
Ramos (HiBiT) TCK Bioassay, Propagation Model	M2472
Ramos (HiBiT) Cell Bank	GA6070
Lung Carcinoma	
A549 (HiBiT) TCK Bioassay	CS3000A102
A549 (HiBiT) TCK Bioassay	CS3000103
A549 Cells (HiBiT), Propagation Model	CS3055A10
Breast Adenocarcinoma Line	
SK-BR-3 (HiBiT) TCK Bioassay	CS3000A100
SK-BR-3 (HiBiT) TCK Bioassay 5X	CS3000A101
SK-BR-3 Cells (HiBiT), Propagation Model	CS3055A33
Multiple Myeloma Lines	
H929 (HiBiT) TCK Bioassay	JA1511
H929 (HiBiT) TCK Bioassay 5X	JA1515
H929 (HiBiT) TCK Bioassay, Propagation Model	M2412
H929 (HiBiT) Cell Bank	GA6080
Myeloid Leukemia Lines	
U937 Cells (HiBiT)	CS3000A125
U937 Cells (HiBiT) 5X	CS3000A126
U937 Cells (HiBiT), Propagation Model	CS3000A08
Ovarian Carcinoma Lines	



OVCAR3 (HiBiT) TCK Bioassay	CS3000A94
OVCAR3 (HiBiT) TCK Bioassay 5X	CS3000A95
OVCAR3 Cells (HiBiT), Propagation Model	CS3000A29
OVCAR3 MSLN-KO Cells (HiBiT)	CS3000A89
OVCAR3 MSLN-KO Cells (HiBiT) 5X	CS3000A90
OVCAR3 MSLN-KO Cells (HiBiT), Propagation Model	CS3000A91
SKOV3 (HiBiT) TCK Bioassay	CS3000A98
SKOV3 (HiBiT) TCK Bioassay 5X	CS3000A99
SKOV3 Cells (HiBiT), Propagation Model	CS3000A33
T cell Leukemia Lines	
T2 (HiBiT) TCK Bioassay	CS3000106
T2 (HiBiT) TCK Bioassay 5X	CS3000107
T2 Cells (HiBiT), Propagation Model	CS3000A35
Melanoma Lines	
A375 (HiBiT) TCK Bioassay	CS3000104
A375 (HiBiT) TCK Bioassay 5X	CS3000A105
A375 Cells (HiBiT), Propagation Model	CS3000A83

K562 Cells w/Exogenous Antigens	
K562 Cells (HT-HiBiT)	CS3000A52
K562 Cells (HT-HiBiT) 5X	CS3000A53
K562 Cells (HT-HiBiT), Propagation Model	CS3000A50
CIITA K562 Cells (HT-HiBiT)	CS3000A61
CIITA K562 Cells (HT-HiBiT) 5X	CS3000A62
CIITA K562 Cells (HT-HiBiT), Propagation Model	CS3000A59
GPC3 K562 Cells (HT-HiBiT)	CS3000A66
GPC3 K562 Cells (HT-HiBiT) 5X	CS3000A67
GPC3 K562 Cells (HT-HiBiT), Propagation Model	CS3000A64
CD19 K562 Cells (HT-HiBiT), Propagation Model	CS3000A25
BCMA K562 Cells (HT-HiBiT), Propagation Model	CS3000A16
CHO-K1 Cells w/Exogenous Antigens	
CHO-K1 Cells (HT-HiBiT)	CS3055A60
CHO-K1 Cells (HT-HiBiT) 5X	CD3055A61
Claudin 18.2 CHO-K1 Cells (HT-HiBiT)	CS347204
Claudin 18.2 CHO-K1 Cells (HT-HiBiT) 5X	CS347205
Claudin 18.2 CHO-K1 Cells (HT-HiBiT), Propagation Model	CS347203
Membrane TNF α CHO-K1 Cells (HT-HiBiT)	CS3055A46
Membrane TNF α CHO-K1 Cells (HT-HiBiT) 5X	CS3055A47
Membrane TNF α CHO-K1 Cells (HT-HiBiT), Propagation Model	CS3055A44
TIGIT CHO-K1 Cells (HT-HiBiT)	CS3000A75
TIGIT CHO-K1 Cells (HT-HiBiT) 5X	CS3000A76
TIGIT CHO-K1 Cells (HT-HiBiT), Propagation Model	CS3000A78
SARS-CoV2-S CHO-K1 Cells (HT-HiBiT)	CS3195A01
SARS-CoV2-S CHO-K1 Cells (HT-HiBiT) 5X	CS3195A02
SARS-CoV2-S CHO-K1 Cells (HT-HiBiT), Propagation Model	CS3195A04
Vectors	
HT-HiBiT Vector (CAG promoter, BlastR)	CS1956B17
HT-HiBiT-LentiB4 Transfer Vector	CS3055A56



Human PBMC (ADCC), CD8+ T Cell (TDCC) and Macrophage (ADCP) Bioassays

Bioassay	Cell Components	Part #
Human PBMC, ADCC-Qualified		
Human PBMC, ADCC-Qualified	Human PBMC, ADCC Qualified	CS3055A15
Human PBMC, ADCC Qualified 5X		CS3055A18
PBMC ADCC Bioassay Kit (Raji)	Human PBMC, ADCC Qualified Raji Cells (HiBiT) ²⁴	CS3055A14
PBMC ADCC Bioassay Kit 5X (Raji)		CS3055A17
PBMC ADCC Bioassay Kit (Ramos)	Human PBMC, ADCC Qualified Ramos Cells (HiBiT) ²⁴	CS3055A20
PBMC ADCC Bioassay Kit 5X (Ramos)		CS3055A22
PBMC ADCC Bioassay Kit (SK-BR-3)	Human PBMC, ADCC Qualified SK-BR-3 Cells (HiBiT) ²⁴	CS3055A36
PBMC ADCC Bioassay Kit 5X (SK-BR-3)		CS3055A38
PBMC ADCC Bioassay Kit (A549)	Human PBMC, ADCC Qualified A549 Cells (HiBiT) ²⁴	CS3055A24
PBMC ADCC Bioassay Kit 5X (A549)		CS3055A26
PBMC ADCC Bioassay Kit (H929)	Human PBMC, ADCC Qualified H929 Cells (HiBiT) ²⁴	CS3055A28
PBMC ADCC Bioassay Kit 5X (H929)		CS3055A30
PBMC ADCC Bioassay Kit (SKOV3)	Human PBMC, ADCC Qualified SKOV3 Cells (HiBiT) ²⁴	CS3055A51
PBMC ADCC Bioassay Kit 5X (SKOV3)		CS3055A53

Bioassay	Cell Components	Part #
Human T Cell (CD8+) TDCC Bioassay Kits		
Human T Cell (CD8+), TDCC Qualified	Human T Cell (CD8+), TDCC-Qualified	CS3055B03
Human T Cell (CD8+), TDCC Qualified 5X		CS3055B06
Human T Cell (CD8+) TDCC Bioassay Kit (Ramos)	Human T Cell (CD8+), TDCC-Qualified Ramos Cells (HiBiT) ²⁴	CS3055B02
Human T Cell (CD8+) TDCC Bioassay Kit 5X (Ramos)		CS3055B05
Human T Cell (CD8+) TDCC Bioassay Kit (Raji)	Human T Cell (CD8+), TDCC-Qualified Raji Cells (HiBiT) ²⁴	CS3055B16
Human T Cell (CD8+) TDCC Bioassay Kit 5X (Raji)		CS3055B17
Human T Cell (CD8+) TDCC Bioassay Kit (H929)	Human T Cell (CD8+), TDCC-Qualified H929 Cells (HiBiT) ²⁴	CS3055B08
Human T Cell (CD8+) TDCC Bioassay Kit 5X (H929)		CS3055B09
Human T Cell (CD8+) TDCC Bioassay Kit (SK-BR-3)	Human T Cell (CD8+), TDCC-Qualified SK-BR-3 Cells (HiBiT) ²⁴	CS3055B10
Human T Cell (CD8+) TDCC Bioassay Kit 5X (SK-BR-3)		CS3055B11
Human T Cell (CD8+) TDCC Bioassay Kit (A549)	Human T Cell (CD8+), TDCC-Qualified A549 Cells (HiBiT) ²⁴	CS3055B12
Human T Cell (CD8+) TDCC Bioassay Kit 5X (A549)		CS3055B13
Human T Cell (CD8+) TDCC Bioassay Kit (SKOV3)	Human T Cell (CD8+), TDCC-Qualified SKOV3 Cells (HiBiT) ²⁴	CS3055B14
Human T Cell (CD8+) TDCC Bioassay Kit 5X (SKOV3)		CS3055B15

Bioassay	Cell Components	Part #
Human T Cell (CD8+) TDCC Bioassay Kits		
Human Macrophage, ADCP Qualified	Human Macrophage, ADCP Qualified	CS3055C02
Human Macrophage, ADCP Qualified 5X		CS3055C03
Macrophage ADCP Bioassay Kit (Raji HT-HiBiT)	Human Macrophage, ADCP Qualified Raji Cells (HT-HiBiT) ²⁴	CS3055C09
Macrophage ADCP Bioassay Kit (Raji HT-HiBiT) 5X		CS3055C10
Macrophage ADCP Bioassay Kit (Raji LDH-HiBiT)	Human Macrophage, ADCP Qualified Raji Cells (LDH-HiBiT) ²⁴	CS3055C11
Macrophage ADCP Bioassay Kit (Raji LDH-HiBiT) 5X		CS3055C12
Macrophage ADCP Bioassay Kit (Ramos)	Human Macrophage, ADCP Qualified Ramos Cells (HiBiT) ²⁴	CS3055C13
Macrophage ADCP Bioassay Kit (Ramos) 5X		CS3055C14
Macrophage ADCP Bioassay Kit (H929)	Human Macrophage, ADCP Qualified H929 Cells (HiBiT) ²⁴	CS3055C15
Macrophage ADCP Bioassay Kit (H929) 5X		CS3055C16
Macrophage ADCP Bioassay Kit (SK-BR-3)	Human Macrophage, ADCP Qualified SK-BR-3 Cells (HiBiT) ²⁴	CS3055C17
Macrophage ADCP Bioassay Kit (SK-BR-3) 5X		CS3055C18

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PsVLP Assays

Bioassay	Cell Components	Part #
SARS-CoV-2 Virus Assay Kits		
SARS-CoV-2 HiBiT-PsVLP Assay, Complete Kit	SARS-CoV-2 S(G614) HiBiT-PsVLPs SARS-CoV-2 HEK293T(LgBiT) Target Cells	CS329524
SARS-CoV-2 HiBiT-PsVLP Assay, Complete Kit 5X	SARS-CoV-2 S(G614) HiBiT-PsVLPs SARS-CoV-2 HEK293T(LgBiT) Target Cells	CS329528
SARS-CoV-2 HiBiT-PsVLP Assay, Target Kit	SARS-CoV-2 HEK293T(LgBiT) Target Cells	CS329531
SARS-CoV-2 HiBiT-PsVLP Assay, Target Kit 5X	SARS-CoV-2 HEK293T(LgBiT) Target Cells	CS329532
SARS-CoV-2 S(XBB.1.5) HiBiT-PsVLPs		CS329540
SARS-CoV-2 S(XBB.1.5) HiBiT-PsVLPs 5X		CS329541
SARS-CoV-2 S(Omicron BA.4/5) HiBiT-PsVLPs		CS329537
SARS-CoV-2 S(Omicron BA.4/5) HiBiT-PsVLPs 5X		CS329538
SARS-CoV-2 S(Omicron) HiBiT-PsVLPs		CS329533
SARS-CoV-2 S(Omicron) HiBiT-PsVLPs 5X		CS329534
SARS-CoV-2 S(Delta) HiBiT-PsVLPs		CS329509
SARS-CoV-2 S(Delta) HiBiT-PsVLPs 5X		CS329510
SARS-CoV-2 S(G614) HiBiT-PsVLPs		CS329501
SARS-CoV-2 S(G614) HiBiT-PsVLPs 5X		CS329502
SARS-CoV-2 HEK293T(LgBiT) Target Cells		CS329520
SARS-CoV-2 HEK293T(LgBiT) Target Cells 5X		CS329521
SARS-CoV-2 HEK293T(LgBiT) Target Cells, Propagation Model		CS329523
SARS-Cov-1/MERS Virus Assay Kits		
SARS-CoV-1 S (Urbani) HiBiT-PsVLP Complete Kit		CS3368A46
SARS-CoV-1 S (Urbani) HiBiT-PsVLP Complete Kit 5X		CS3368A47
MERS-CoV S (EMC/2012) HiBiT-PsVLP Complete Kit		CS3368A39
MERS-CoV S (EMC/2012) HiBiT-PsVLP Complete Kit 5X		CS3368A40
SARS/MERS-CoV HEK293T (LgBiT) Target Cells		CS3368A36
SARS/MERS-CoV HEK293T (LgBiT) Target Cells 5X		CS3368A38
SARS/MERS-CoV HEK293T (LgBiT) Target Cells, Propagation Model		CS3368A42
Ebola/Marburg Virus Assay Kits		
EBOV GP HiBiT-PsVLP, Complete Kit		CS3368A09
EBOV GP HiBiT-PsVLP, Complete Kit 5X		CS3368A10
SEBOV GP (Gulu) HiBiT-PsVLP Complete Kit		CS3368A20
SEBOV GP (Gulu) HiBiT-PsVLP Complete Kit 5X		CS3368A22
MARV GP (Angola) HiBiT-PsVLP Complete Kit		CS3368A15
MARV GP (Angola) HiBiT-PsVLP Complete Kit 5X		CS3368A17
HEK293T (LgBiT) Target Cells, 1X		CS3368A07
HEK293T (LgBiT) Target Cells, 5X		CS3368A08
HEK293T (LgBiT) Target Cells, Propagation Model		CS3368A02
HIV Virus Assay Kits		
HIV Env (JRFL) HiBiT-PsVLP Complete Kit		CS3368A29
HIV Env (JRFL) HiBiT-PsVLP Complete Kit 5X		CS3368A30
HIV HEK293T (LgBiT) Target Cells		CS3368A27
HIV HEK293T (LgBiT) Target Cells 5X		CS3368A28
HIV HEK293T (LgBiT) Target Cells, Propagation Model		CS3368A32

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Animal Health

Bioassay	Cell Components	Part #
Canine Assays		
Canine PD-1/PD-L1 Blockade Bioassay Kit	Canine PD-1 Effector Cells Canine PD-L1 aAPC/CHO-K1 Cells	CS348807
Canine PD-1/PD-L1 Blockade Bioassay Kit 5X		CS348809
Canine PD-1/PD-L1 Blockade Bioassay, Propagation Model		CS348803
Canine PD-1/PD-L1 Blockade Bioassay, Cell Bank		CS348811
Canine FcγRIII ADCC Reporter Bioassay, Core Kit	Canine FcγRIII Effector Cells	CS3631A05
Canine FcγRIII ADCC Reporter Bioassay, Core Kit 5X		CS3631A07
Canine FcγRIII ADCC Reporter Bioassay, Propagation Model		CS3631A02
Lumit FcRn Binding Immunoassays		
Canine FcRn Binding Immunoassay		CS3019A02
Feline FcRn Binding Immunoassay		CS3631B01
Feline FcRn Binding Immunoassay 10X		CS3631B05

Gene Therapy

Bioassay	Cell Components	Part #
Lumit Gene Therapy Immunoassays		
Lumit p24 Immunoassay		CS2039B25
TruTiter Plus Reagent Kit		
TruTiter Plus Reagent Kit		CS353403
Transduction Inhibition NAb Assay		
AAV2-NanoLuc Transduction Inhibition Kit, Complete Kit		CS3320A14
AAV2-NanoLuc Transduction Inhibition Kit, Core Kit		CS3320A15
AAV8-NanoLuc Transduction Inhibition Kit, Complete Kit		CS3320A16
AAV8-NanoLuc Transduction Inhibition Kit, Core Kit		CS3320A17
AAV9-NanoLuc Transduction Inhibition Kit, Complete Kit		CS3320A18
AAV9-NanoLuc Transduction Inhibition Kit, Core Kit		CS3320A19

RNA Therapy

Bioassay	Cell Components	Part #
TLR3 Bioassay		
TLR3 Bioassay 1X	TLR3 Bioassay Cells	CS355505
TLR3 Bioassay 5X		CS355507
TLR3 Bioassay, Propagation Model		CS355502
TLR7 Bioassay 1X	TLR7 Bioassay Cells	CS3633B05
TLR7 Bioassay 5X		CS3633B07
TLR7 Bioassay, Propagation Model		CS3633B02
TLR8 Bioassay 1X	TLR8 Bioassay Cells	CS3633B12
TLR8 Bioassay 5X		CS3633B14
TLR8 Bioassay, Propagation Model		CS3633B09
Lumit dsRNA Detection Assay		
Lumit dsRNA Detection Assay		W2041
Lumit dsRNA Detection Assay 5X		W2042

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Target Cells for ADCC Reporter Bioassays ⁶		
Membrane TNF α Target Cells	Membrane TNF α Target Cells	J3331
Membrane TNF α Target Cells 5X		J3335
Membrane TNF α Target Cells, Propagation Model		J3322
Membrane VEGF Target Cells	Membrane VEGF Target Cells	J3351
Membrane VEGF Target Cells 5X		J3355
Membrane VEGF Target Cells, Propagation Model		J3342
Membrane RANKL Target Cells	Membrane RANKL Target Cells	J3381
Membrane RANKL Target Cells 5X		J3385
Membrane RANKL Target Cells, Propagation Model		J3362
PD-1 Target Cells ⁷	PD-1 Cells	<i>Please Enquire</i>
CTLA-4 Target Cells ⁷	CTLA-4 Cells	<i>Please Enquire</i>
SARS-CoV-2 CHO-K1 Cells	SARS-CoV-2 CHO-K1 Cells	CS3195A05
SARS-CoV-2 CHO-K1 Cells 5X		CS3195A06
SARS-CoV-2 CHO-K1 Cells, Propagation Model		CS3195A08

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¹Complete Kits contain thaw-and-use effector cells, target cells, control antibody, cell plating and assay reagents.

²Core Kits contain thaw-and-use effector cells, cell plating and assay reagents.

³Target Kits contain thaw-and-use target cells, control antibody.

⁴Propagation Model includes 2 vials of effector cells.

⁵ADCC Reporter Bioassays, F Variant are compatible with the Target Kits listed under "ADCC Reporter Bioassays".

⁶Membrane Target Cells are also available in Propagation Model format – *please enquire*.

⁷The PD-1 and CTLA-4 Effector Cells included in the PD-1/PD-L1 and CTLA-4 Blockade Bioassays can be used as target cells in an ADCC bioassay.

⁸The receptor expressed in the Effector Cells is a chimeric receptor consisting of the extracellular domain of Fc γ R11b and the intracellular domain of Fc γ R11a.

⁹Kits contain the indicated thaw-and-use cell components, cell plating medium, assay reagents.

¹⁰aAPC (artificial antigen presenting cells) activate the TCR/CD3 complex on effector cells.

¹¹Kits contain the indicated thaw-and-use cell components, TCR Activating Antigen, cell plating medium, assay reagents.

¹²The SIRP α /CD47 Blockade Bioassay is available in both Fc-dependent and Fc-independent formats.

¹³The ICOS and CD28 Bioassays are available in both blockade and agonist (below) formats.

¹⁴The ICOS and CD28 Bioassays are available in both agonist and blockade (above) formats.

¹⁵Includes a single vial of CD70 CHO-K1 Cells.

¹⁶Kits contain Fc γ R11b CHO-K1 Cells and cell plating medium.

¹⁷Kits contain Fc γ R11b aAPC/CHO-K1 Cells or aAPC/CHO-K1 Cells and cell plating medium.

¹⁸T Cell Activation bioassays are available with NFAT, IL-2, or NF κ B promoter response elements.

¹⁹Cells available in thaw-and-use format.

²⁰The DMF5 TCR recognizes MART-1 presented by class I MHC HLA-A*0201 (*often used in cancer gene therapy*).

²¹TLR effector cells express and respond to TLR1, TLR2, TLR4, TLR5, TLR6, TLR7, TLR8.

²²The same cell line is responsive to both EPO and GM-CSF.

²³Kit contains MHCII APC Cells, TCR Activating Antigen, Positive Control TCR Plasmid, cell plating medium.

²⁴HiBiT Target Cells are also available in Propagation Model format.

²⁵Cell Banks include 50 vials of effector cells.

For more information on bioassays, visit: www.promega.com/bioassay

For more information on custom assays, visit: www.promega.com/custom-bio

