

	Absorbance	mean
media+cell (0 mM)	1.00183	1.099232667
	1.08083	
	1.09951	
	0.968134	
	1.24036	
	1.14534	
	1.13054	
	1.08871	
	1.13784	
	0.968698	
0.3 mM	1.06003	1.082785333
	1.10609	
	1.04108	
	1.18505	
	1.17194	
	1.08458	
	1.09198	
	1.03562	
	1.12318	
	1.1444	
0.6 mM	1.06087	1.093081111
	1.04834	
	1.08961	
	1.15915	
	1.08458	
	1.09198	
	1.03562	
	1.08778	
	1.10892	
	1.03599	
1.1 mM	1.04916	1.125133333
	1.14021	
	1.17002	
	1.29984	
	1.14121	
	1.09307	
	1.13177	
	1.1631	
	1.02135	
	1.0587	
2.2 mM	1.20803	1.096757778
	1.08948	
	1.08225	
	1.05929	
	1.05685	
	1.06263	
	1.17558	
	1.06787	
	1.04165	
	1.10147	
4.4 mM	1.14541	1.080407222
	1.11305	
	0.988825	
	1.02718	
	1.06184	
	1.19661	
	1.03719	
	1.04045	
	1.0941	
	1.02546	
8.8 mM	1.10391	1.075557778
	1.08585	
	1.03461	
	1.07157	
	1.14359	
	1.07331	
	1.08515	
	1.08993	
	0.960942	
	1.05834	
17.5 mM	1.07188	1.065516889
	1.03494	
	0.999098	
	1.04937	
	1.0138	
	1.00326	
	1.07787	
	0.698861	
	1.08332	
	1.06127	
35 mM	1.11278	1.011069889
	1.06075	
	1.03616	
	1.02645	
	0.995209	
	0.977565	
	1.07317	
	1.13777	
	1.13506	
	1.09741	
70 mM	1.02229	1.059949333
	1.04919	
	0.983102	
	0.67363	
	0.97046	
	0.918574	
	0.997479	
	1.04302	
	0.962801	
	0.957838444	

a) Raw data of glucose (0.3-100mM) on cell viability in human coronary artery endothelial cells (HCAEC)

	Absorbance	mean
media+cell (0 mM)	1.21184	1.15078
	1.25323	
	1.1274	
	0.88993	
	1.38145	
	1.00305	
	1.46192	
	1.01624	
	1.01196	
	1.1768	
0.3 mM	0.930525	1.123481444
	1.1801	
	0.990354	
	0.959524	
	1.35847	
	1.47503	
	1.04048	
	1.00005	
	1.17259	
	0.74902	
0.6 mM	1.18486	1.094312889
	1.29077	
	1.3164	
	1.2198	
	0.963507	
	1.04522	
	0.906649	
	1.24381	
	1.16513	
	1.10103	
1.1 mM	0.936045	1.172488111
	0.999738	
	1.44714	
	1.53992	
	1.04418	
	1.0754	
	1.1688	
	1.23566	
	1.24317	
	1.11639	
2.2 mM	1.4429	1.189476
	1.17018	
	0.949232	
	1.26439	
	1.23244	
	1.17601	
	0.905087	
	1.0944	
	1.14194	
	1.15388	
4.4 mM	1.04071	1.109305
	0.974888	
	1.19137	
	1.16186	
	1.23611	
	1.39896	
	1.43114	
	1.00687	
	1.1316	
	1.06171	
8.8 mM	0.895212	1.168314667
	1.23307	
	1.22591	
	1.20636	
	1.36075	
	1.22295	
	1.02211	
	1.42038	
	1.07236	
	1.03052	
17.5 mM	1.07835	1.199378889
	1.09756	
	1.11793	
	1.13259	
	0.997386	
	1.34191	
	1.40492	
	1.0492	
	0.871289	
	1.121237222	
35 mM	1.14619	1.062354222
	1.2418	
	1.17766	
	0.948766	
	1.15583	
	1.06141	
	0.939498	
	0.930558	
	0.959476	
	1.01932	
70 mM	1.14831	0.932465889
	1.01954	
	0.719863	
	0.856344	
	0.939407	
	0.895006	
	0.9879	
	0.806503	
	0.932465889	
	0.932465889	

b) Raw data of glucose (0.3-100mM) on cell viability in human dermal fibroblasts (HDF)