

**Table S4. Half maximal oxygen uptake concentration, minimum oxygen concentration required to maintain cell viability, and inlet oxygen concentration for various cell types.**

Cell type	$C_{in}$ (mol m <sup>-3</sup> )	$C_{1/2}$ (mol m <sup>-3</sup> )	$C_0$ (mol m <sup>-3</sup> )	Reference
Neonatal rat cardiomyocytes	0.22	$6.9 \times 10^{-3}$	$6 \times 10^{-3} - 8 \times 10^{-2}$	[1, 2]
Primary rat hepatocytes	0.22	$6.24 \times 10^{-3}$	$2.1 \times 10^{-2}$	[3, 4]
Pancreatic $\beta$ TC3 cells	0.22	$1.0 \times 10^{-2}$	$1.46 \times 10^{-2}$	[5, 6]
Bovine chondrocytes	0.1	$5.0 \times 10^{-3}$	$2.2 \times 10^{-3} - 1.32 \times 10^{-2}$	[7]
HFFs	0.19	$2.1 \times 10^{-3}$	$2.1 \times 10^{-2}$	[8]

Adapted from [9].

## References

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