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Condition	Role	Effect	Mitochondrial state
Cells			Basal mitochondrial respiration (state 1)
Digitonin	Detergent	Cell permeabilisation	Respiration with substrates (state 2)
PGM = Pyruvate, Glutamate & Malate	Substrates	Krebs cycle, CI and CII	Max physiological respiration (state 3)
ADP	Respiration driver	CII	CV block
Succinate	Substrate	CV	Max respiration
Oligomycin	Inhibitor	CV	CI block
FCCP	Uncoupler	Uncoupling mitos	CIII block
Rotenone	Inhibitor	CI	Maximum CIV respiration
Antimycin A	Inhibitor	CIII	CIV block
TMPD	Substrate	CIV (electron carrier)	
Ascorbate (Asc)	Substrate	CIV (electron donor)	
Cyanide	Inhibitor	CIV	

