

Substrate	Organism	K_m [mM]	References
APS reductase			
APS		0.020	
	<i>Desulfovibrio vulgaris</i>	<0.001	[1]
	<i>Desulfovibrio vulgaris</i>	0.019	[2]
	<i>Desulfovibrio desulfuricans</i>	<0.02	[3]
	<i>Thiobacillus denitrificans</i>	<0.02	[3]
	<i>Archaeoglobus fulgidus</i>	0.015	[3]
SO_3^{2-}		0.400	
	<i>Desulfovibrio vulgaris</i>	0.130	[4]
	<i>Desulfovibrio vulgaris</i>	0.600	[5]
	<i>Desulfovibrio desulfuricans</i>	0.180	[3]
	<i>Desulfovibrio desulfuricans</i>	0.780	[5]
	<i>Desulfovibrio gigas</i>	0.340	[5]
	<i>Desulfovibrio salexigens</i>	0.760	[5]
	<i>Thiobacillus denitrificans</i>	1.200	[3]
	<i>Archaeoglobus fulgidus</i>	1.300	[5]
AMP		0.300	
	<i>Desulfovibrio vulgaris</i>	0.01 - 0.3	[2]
	<i>Desulfovibrio vulgaris</i>	0.050	[4]
	<i>Desulfovibrio desulfuricans</i>	0.170	[3]
	<i>Desulfovibrio desulfuricans</i>	0.160	[5]
	<i>Desulfovibrio desulfuricans</i>	0.400	[6]
	<i>Desulfovibrio gigas</i>	0.160	[5]
	<i>Desulfovibrio salexigens</i>	0.310	[5]
	<i>Thiobacillus denitrificans</i>	0.020	[3]
Electron Carrier		0.100	
free FAD	<i>Desulfovibrio vulgaris</i>	0.01 - 0.24	[1]
cytochrome c	<i>Desulfobulbus propionicus</i>	0.021	[8]
ferricyanide	<i>Desulfovibrio gigas</i>	0.160	[5]
	<i>Archaeobacterium VC.16</i>	0.400	[9]
	<i>Desulfobulbus propionicus</i>	0.089	[8]
Sulfite reductase			
SO_3^{2-}		0.050	
	<i>Desulfovibrio vulgaris</i>	0.060	[9]
	<i>Desulfovibrio vulgaris</i>	3.600	[10]
	<i>Archaeoglobus fulgidus</i>	0.012	[11]
H_2S		0.010	
Electron Carrier		0.020	

Used in calculations as default parameters

References

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