

Table 1Suppl. Inhibitors of *E. coli* AdSS

Inhibitor	Inhibition constant, K_i (μM)	Reference
AMP	95	8
Adenylosuccinate	270	8
	5	6
GDP	23	8
	12	6
GMP	74	8
ppGpp	50	9
ppG2':3'p	0.1	10
6-Mercaptopurine riboside 5'-phosphate	10	6
β,γ -5'-Guanylyl methylene diphosphonate	80	6
hydantocidin 5'-phosphate (HMP)	0.022	3
	(IC_{50}) 0.675	11
Hadacidin	0.49	12
	(IC_{50}) 3.5	11
HMP-hadacidin hybrid inhibitor, (<i>S</i>)-isomer	(IC_{50}) 0.043	11
HMP-hadacidin hybrid inhibitor, (<i>R</i>)-isomer	(IC_{50}) 0.665	11
Succinate	7500	6
	890	47
Maleate	3100	47

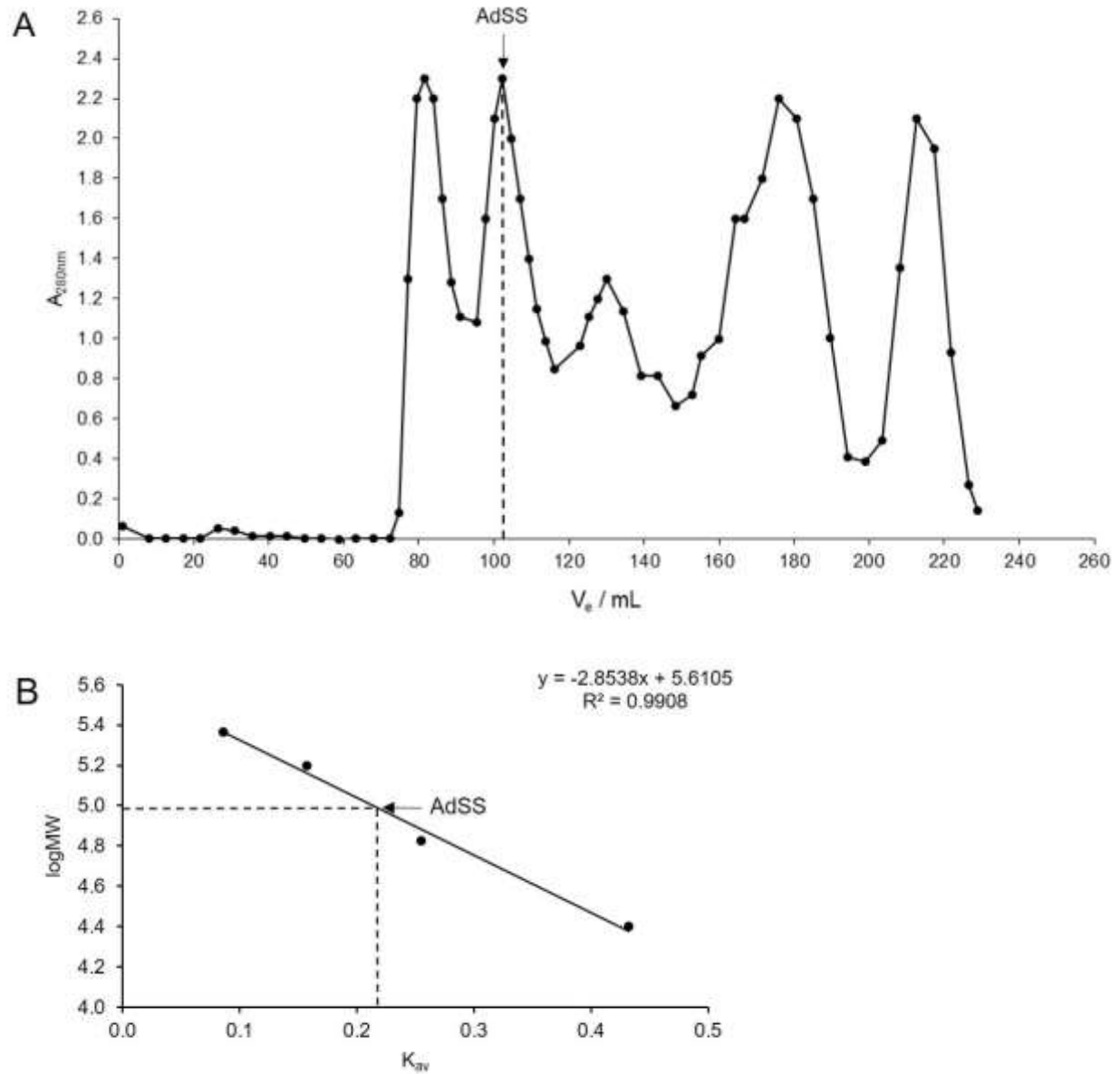


Figure 1Suppl. Estimation of *H. pylori* AdSS molecular mass by size-exclusion chromatography on Sephacryl S-200 column. A) Chromatogram; elution volume, V_e , for AdSS - 102 mL. B) Calibration curve for the used column; average distribution constant - $K_{av} = (V_e - V_0) / (V_c - V_0)$, V_0 – void volume of the column, V_c – geometrical bed volume of the column.

Additional reference:

47. Gorrell A, Wang W, Underbakke E, et al. Determinants of L-aspartate and IMP recognition in *Escherichia coli* adenylosuccinate synthetase. J Biol Chem 2002;277:8817–21.