

Soluble LPS May be a More Potent Competitive Inhibitor to Polymyxin B Than *Escherichia coli* O9a:K30 Capsular Polysaccharides

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SUPPLEMENTAL MATERIAL

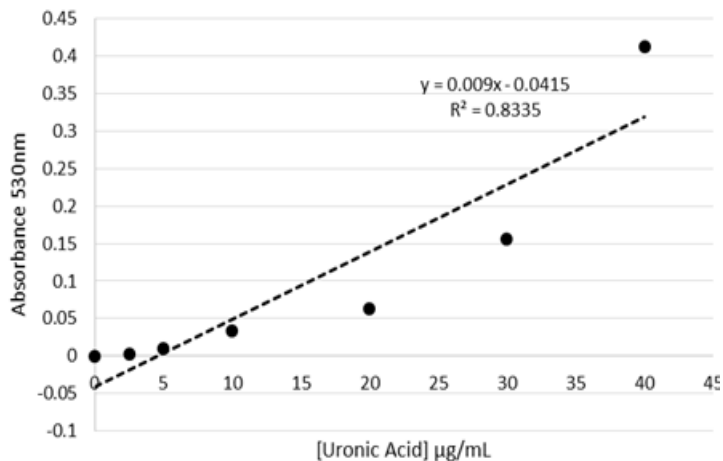


FIG. S1 Uronic acid concentration standard generated with glucuronolactone Glucuronolactone was dissolved in water saturated with sodium benzoate at 4 - 40 µg/ml and treated with carbazole-sulfuric acid reaction. Absorbance of the samples is measured at 530 nm.

TABLE S1 Carbazole assay derived quantification of CPS samples. Samples were filtered with a 0.45µm filter to sterilize the sample prior for use in MIC broth assay

CPS sample source	Absorbance (530 nm)	Dilution factor	Derived [CPS] (ug/mL)
Unfiltered E69	0.048	19	188.9
Unfiltered CWG655	0.069	10	122.8
Filtered E69	0.165	5	114.8
Filtered CWG655	0.008	5	27.5

Table S2 Confirmation of CWG655 mutant strain by antibiotic resistance. Strains were streaked on regular LB, LB + 50 µg/mL Kanamycin, and LB + 100 µg/mL spectinomycin. (+) indicates growth and (-) indicates no growth

Strain	Solid Medium		
	LB	LB + Kanamycin (50 µg/mL)	LB + Spectinomycin (100 µg/mL)
E69	(+)	(-)	(-)
CWG655	(+)	(+)	(+)