



Figure S1. Correlation analyses and scatter plots between serum biomarker concentrations and estimated glomerular filtration rate in the screening test (n=55). (A) CXCL10 (B) Osteopontin (C) TFF3 (D) Cystatin C (E) RBP4 (F) NGAL (G) IL-18 (H) TNF-R1 (I) Clusterin. In the scatter plot, the solid line and gray zone represent the regression line and its 95% confidence interval, respectively. The value of r represents the correlation coefficient by Spearman's rho method. Abbreviation: eGFR, estimated glomerular filtration rate; CXCL10, C-X-C motif chemokine ligand 10; TFF3, trefoil factor-3; RBP4, retinol binding protein 4; NGAL, neutrophil gelatinase-associated lipocalin; IL-18, interleukin-18; TNF-R1, tumor necrosis factor receptor 1

Table S1. Univariate logistic regression analysis for serum biomarkers and clinical parameters in association with the development of VIKI.

Independent Variables	Odds Ratio (95% Confidence interval)	P Value
Age	1.010 (0.969-1.053)	0.645
Sex	0.741 (0.232-2.362)	0.612
BMI	0.897 (0.754-1.068)	0.223
Hypertension	0.800 (0.236-2.718)	0.721
Diabetes	0.873 (0.226-3.368)	0.843
CRP	1.033 (0.953-1.119)	0.428
Vancomycin trough concentration	<0.001 (0.000-0.000)	0.994
Baseline sCr	1.961 (0.186-20.724)	0.576
eGFR	0.019 (0.000-0.000)	0.994
Duration of vancomycin therapy	0.964 (0.904-1.028)	0.260
Use of concomitant nephrotoxic agent	1.405 (0.448-4.410)	0.560
IL-18	1.001 (0.999-1.002)	0.279
TNF-R1	1.000 (1.000-1.001)	0.003
CXCL10	1.003 (1.001-1.006)	0.017
OPN	1.000 (1.000-1.000)	0.057
TFF3	1.000 (1.000-1.000)	0.002
Cystatin C	1.003 (1.001-1.004)	<0.001
RBP4	1.000 (1.000-1.000)	0.783
NGAL	1.007 (1.001-1.013)	0.016

Note: *P* value < 0.05 was considered statistically significant. Significant values are indicated in bold.

Abbreviation: VIKI, vancomycin-induced kidney injury; BMI, body mass index; CRP, C-reactive protein; eGFR, estimated glomerular filtration rate; sCr, serum creatinine; IL-18, interleukin-18; TNF-R1, tumor necrosis factor receptor 1; CXCL10, C-X-C motif chemokine ligand 10; TFF3, trefoil factor-3; RBP4, retinol binding protein 4; NGAL, neutrophil gelatinase-associated lipocalin.