Table 1 Accuracy of dipstick urinalysis for diagnosis of urinary protein, glucose, blood and nitrites

Variable	Dipstick results (n = 300)	Gold standard		Sensitivity	Specificity	Positive predictive value	Negative predictive value
		+ve	−ve				
	No.	No.	No.	%	%	%	%
Protein[a]							
+ve	4	4	14	80.0	95.0	22.2	99.6
−ve	14	1	281				
Glucose[b]							
+ve	26	26	4	100.0	98.5	87.0	100.0
−ve	4	0	270				
Blood[c]							
+ve	4	4	1	100.0	99.6	80.0	100.0
−ve	1	0	295				
Nitrites[d]							
+ve	8	8	0	100.0	100.0	100.0	100.0
−ve	0	0	8				

[a]Gold standard: sulfosalicylic acid method (protein > 30 mg/L). [b]Gold standard: fasting blood glucose (glucose ≥ 50 mg/dL). [c]Gold standard: microscopic sediment urinalysis (3+ red blood cells per high-powered field). [d]Gold standard: microscopic sediment urinalysis and urine culture (≥ 105 bacteria/mL).