



Supplementary Table S1. Performance of the leukocyte esterase dipstick test in pregnant women ($N = 718$) with a cut-off of $\geq 10^4$ CFU/mL for the urine culture.

	Positive leukocyte esterase	Negative leukocyte esterase	Total
Positive culture	92	31	123
Negative culture	344	251	595
Total	436	282	718
	Culture 10^4 CFU/mL		95% CI
Sensitivity	74.8%		66.2–82.2%
Specificity	42.2%		38.2–46.3%
Positive likelihood ratio	1.29		1.14–1.46
Negative likelihood ratio	0.60		0.43–0.82
Positive predictive value	21.1%		19.1–23.2%
Negative predictive value	89.0%		85.5–91.8%
Total accuracy	47.8%		44.1–51.5%

Supplementary Table S2. Bacteria present in urine culture.

Bacteria	$\geq 10^5$ CFU/mL % N (%)	$\geq 10^4$ CFU/mL N (%)
<i>Escherichia coli</i>	35 (71)	73 (59)
<i>Klebsiella pneumoniae</i>	10 (20)	14 (11)
<i>Streptococcus agalactiae</i>	0 (0)	14 (11)
<i>Enterococcus faecalis</i>	1 (2)	9 (7)
<i>Proteus mirabilis</i>	0 (0)	3 (2)
<i>Staphylococcus saprophyticus</i>	0 (0)	2 (2)
<i>Klebsiella oxytoca</i>	1 (2)	1 (1)
<i>Serratia marcescens</i>	1 (2)	1 (1)
<i>Streptococcus mitis</i>	1 (2)	1 (1)
Other	0 (0)	5 (4)
Total	49	123

Supplementary Table S3. Performance of the nitrite dipstick test in pregnant women ($N = 337$) with a cut-off of $\geq 10^4$ CFU/mL for the urine culture.

	Positive nitrite	Negative nitrite	Total
Positive culture	31	26	57
Negative culture	70	210	280
Total	101	236	337
	Culture 10^4 CFU/mL		95% CI
Sensitivity	54.4%		40.7–67.6%
Specificity	75.0%		69.5–80.0%
Positive likelihood ratio	2.18		1.59–2.97
Negative likelihood ratio	0.61		0.45–0.81
Positive predictive value	30.7%		24.5–37.7%
Negative predictive value	89.0%		85.8–91.5%
Total accuracy	71.5%		66.4–76.3%

Supplementary Table S4. Performance of the leukocyte esterase and/or nitrite dipstick tests in pregnant women ($N = 337$) with a cut-off of $\geq 10^4$ CFU/mL for the urine culture.

	Positive leukocyte esterase and/or nitrite	Negative leukocyte esterase and nitrite	Total
Positive culture	51	6	57
Negative culture	197	83	280
Total	248	89	337
	Culture 10^4 CFU/mL		95% CI
Sensitivity	89.5%		78.5–96.0%
Specificity	29.6%		24.4–35.3%
Positive likelihood ratio	1.27		1.13–1.43
Negative likelihood ratio	0.36		0.16–0.77
Positive predictive value	20.6%		18.7–22.5%
Negative predictive value	93.2%		86.4–96.8%
Total accuracy	39.8%		34.5–45.2%

Supplementary Table S5. Performance of the positive leukocyte esterase and nitrite dipstick tests in pregnant women ($N = 337$) with a cut-off of $\geq 10^4$ CFU/mL for the urine culture.

	Positive leukocyte esterase and nitrite	Negative leukocyte esterase and/or nitrite	Total
Positive culture	20	37	57
Negative culture	47	233	280
Total	67	270	337
	Culture 10^4 CFU/mL		95% CI
Sensitivity	35.1%		22.9–48.9%
Specificity	83.2%		78.3–87.4%
Positive likelihood ratio	2.09		1.35–3.24
Negative likelihood ratio	0.78		0.64–0.95
Positive predictive value	29.9%		21.5–39.8%
Negative predictive value	86.3%		83.8–88.5%
Total accuracy	75.1%		70.1–79.6%