



## Lodestar DX

### Molecular UTI testing at the point-of-care

- 97.8% sensitivity and 90.8% specificity for *E.coli*
- 84.5% overall sensitivity and 83.9% specificity across six different pathogens
- Results in 35 minutes
- No extraction stage required in sample preparation
- Test for six pathogens simultaneously
- Improves antibiotic stewardship and reduces the impact of AMR

## Lodestar DX

- Isothermal LAMP technology provides molecular accuracy comparable to microbiological culture analysis
- Small footprint: 140 mm (w) x 200 mm (d) x 90 mm (h)
- Lightweight: 720 g
- Suitable for doctor's offices, clinics and pharmacies
- No sample preparation and easy-to-use interface
- Operates on 240-12V power

## UTI test panel

- UTI pathogen test panel covers >85% of UTIs
- Detects multiple pathogens in a mixed growth sample
- Panel includes positive and negative controls
- Allows user to identify which pathogen is causing the UTI
- Ensures the correct antibiotic is prescribed

Assay	Sensitivity % (n)	Specificity % (n)
<i>E.coli</i>	97.8 (46)	90.8 (86)
<i>Enterococcus/S.aureus</i>	40% (10)	95% (121)
<i>S.saprophyticus</i>	100 (12)	97.6 (129)
<i>Proteus mirabilis</i>	85.7 (7)	96.2 (131)
<i>P.aeruginosa</i>	100 (3)	96.2 (133)
<i>Klebsiella pneumoniae</i>	100 (9)	97.6 (124)

### Test urine for six pathogens quickly and easily



➤ Add urine to the diluent tube



➤ Mix into the test panel



➤ Place test panel in Lodestar DX  
➤ Results in 35 minutes

\* Clinical performance evaluation carried out on the intended patient population of symptomatic adult females (n = 133).

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