

Dipstick result on sample <4 hours old	Action
Children 3 months-3 years	
Leukocyte and nitrite negative	<u>Unlikely UTI:</u> <ul style="list-style-type: none"> • Do not send MSU unless: <ul style="list-style-type: none"> ○ Suspected upper UTI or pyelonephritis ○ High/medium risk of serious illness ○ Recurrent UTI ○ When clinical symptoms and dipstick results don't correlate. • Do not start antibiotics
Leukocyte positive +/- nitrite positive	<u>Probable UTI:</u> <ul style="list-style-type: none"> • Send MSU • Start antibiotics
Children over 3 years	
Leukocyte and nitrite positive	<u>Probable UTI:</u> <ul style="list-style-type: none"> • Send MSU IF: <ul style="list-style-type: none"> ○ Child is at intermediate/high risk of serious illness, AND/OR ○ Previous history of UTI. • Start antibiotics
Leukocyte negative and nitrite positive	<u>Possible UTI:</u> <ul style="list-style-type: none"> • Send MSU if clinically suspicious of UTI and urine sample was fresh. • Consider starting antibiotics pending MSU result.
Leukocyte positive and nitrite negative	<u>Possible UTI:</u> <ul style="list-style-type: none"> • Send MSU • Do not start antibiotics unless clinical evidence of UTI (leukocytes may indicate infection elsewhere).
Leukocyte negative and nitrite negative	<u>Unlikely UTI</u> so explore other causes <ul style="list-style-type: none"> • Do not send MSU • Do not start antibiotics