

Available Analysis Formats for Colifast CALM

Format	Presence/Absence	Most Probable Number	Estimated Semi Quantification	MU Production MU = Methylumbelliferyl
Levels of bacteria	≥ 1 cfu/100 mL	Low, medium (1 - 5000 cfu/100 mL)	Low to high (> 1 cfu/25 mL)	Medium to high (> 500 cfu/100 mL)
Results reported as	Presence/absence	Number of bacteria/100 mL	Number of bacteria/100 mL	Number of bacteria/ 100 mL
Time to result	10 - 12 h <i>E. coli</i> / 9 - 11 h fecal coliforms	10 - 12 h <i>E. coli</i> / 9 - 11 h fecal coliforms	4 (high) - 12 (low) h	2 h
Method	Bacterial growth. Based on fluorescence above (presence) or below (absence) of a threshold value.	Bacterial growth. Based on number of positive vials (above threshold value) Automated MPN calculation and presentation of results.	Bacterial growth. Time to detect. Based on time to reach threshold level linked to a semi-quantification table based on empirical data. Automated ESQ calculation and presentation of results.	Enzymatic activity. Increase indicate level of bacterial contamination.
Comments	<ul style="list-style-type: none"> • Viable bacteria • Robust method • High specificity 	<ul style="list-style-type: none"> • Viable bacteria • Robust method • High specificity 	<ul style="list-style-type: none"> • Viable bacteria • Quick results when bacterial levels are high • Many samples per run • Wide range • High specificity 	<ul style="list-style-type: none"> • Viable and non-viable bacteria • Rough estimation • Very quick result