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A phenomenon useful for the detection of *Salmonella* device from citrus extracts

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Abstract: The effect of lemon slices, as well as ascorbic and citric discs, on the growth of ten non-typhoidal *Salmonella*, six *Citrobacter* and *Proteus mirabilis* species on Desoxycholate Hydrogen Sulfide Lactose

examined in comparison to controls without fruit slices or paper discs. After 24 hours of incubation, thick black rings were observed around fruit slices and growing on non-typhoidal *Salmonella* serovars and not around the named this the “MY Phenomenon”. We propose that the phenomenon is a rapid, simple and inexpensive screening test that distinguishes non-typhoidal *Salmonella* species from other enterobacteriaceae in stool samples.

Key words: [Salmonella](#), [Proteus](#), [Citrobacter](#), [identification](#), [hydrolytic activity of ascorbic acid](#), [citric acid](#), [Laos](#), [Japan](#)

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