



## TECHNOLOGY

# 'Sashi' Agar- Agar for the Specific Detection of Salmonella and Shigella

## OVERVIEW

Researchers have developed a single plating agar that detects both Shigella and Salmonella species. Importantly, the new agar is capable of doing this with greater sensitivity and specificity, for both agents, than other agars in common use.

The new agar, because of its ability to efficiently detect two major human pathogens, appears to hold considerable promise for use in medical laboratories in both developed and less developed countries around the world. It promotes very good growth of not only readily differentiated Salmonella colonies but also similarly good growth of readily differentiated Shigella colonies. Testing to date reveals that the agar's special formulation significantly reduces a common problem with other agars---Citrobater colonies that are easily confused with Salmonella colonies.

For additional information please contact the Office of Technology Commercialization, University of Maryland. Phone: 301-405-3947. E-mail: [otc@umd.edu](mailto:otc@umd.edu)

## CONTACT INFO

UM Ventures  
0134 Lee Building  
7809 Regents Drive  
College Park, MD 20742  
Email: [umdtechtransfer@umd.edu](mailto:umdtechtransfer@umd.edu)  
Phone: (301) 405-3947 | Fax: (301) 314-9502

## Additional Information

### INSTITUTION

University of Maryland, College Park

### PATENT STATUS

Patent(s) pending

### LICENSE STATUS

Contact OTC for licensing information

### CATEGORIES

- Research Tools, Antibodies, & Reagents

## EXTERNAL RESOURCES

- [US Patent 7,842,496](#)

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