

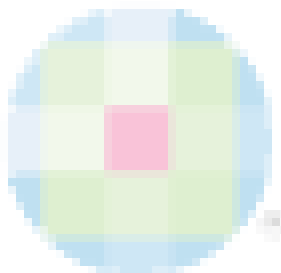
## Improved detection of *Shigella* using *Escherichia coli* medium enrichment: Polymerase chain reaction from stool samples

PK Gupta, SB Appannanavar, B Mohan, \*N Taneja

### Abstract

Laboratory diagnosis of shigellosis using conventional culture technique is limited by lower sensitivity and higher turnaround time. Here, we have evaluated the role of polymerase chain reaction from stool samples after enrichment in *Escherichia coli* medium for detection of *Shigella*. The technique not only increased the sensitivity but also decreased the turnaround time.

**Key words:** *Escherichia coli* medium, polymerase chain reaction, *Shigella*



\*Corresponding author (email: <[drneelamphi@yahoo.com](mailto:drneelamphi@yahoo.com)>)  
Department of Microbiology (PKG), Dr. RPGMC, Kangra,  
Himachal Pradesh, Department of Microbiology (SBA), SDM  
Medical College, Dharwad, Karnataka, Department of Medical  
Microbiology (BM, NT), Post Graduate Institute of Medical  
Education and Research, Chandigarh, India  
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