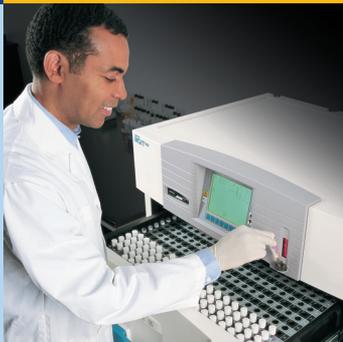
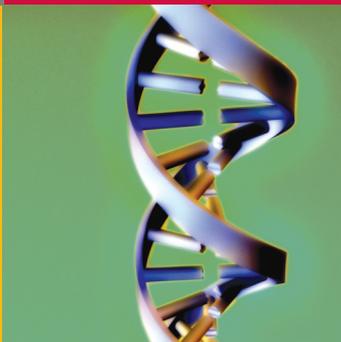


2008

BD Diagnostics - Diagnostic Systems



Helping all people
live healthy lives

Product Catalog for Clinical and Industrial Microbiology

Eastern Europe · Middle East · Africa

Stains & Reagents

BD Diagnostic Reagents

Cat. No.	Quantity	Product
BD BBL™ Diagnostic Reagent & Stain Droppers		
<i>Each ampulle contains 0.5 ml</i>		
261182	50 ampules	<p>Acridine Orange</p> <p>Acridine Orange Reagent Droppers are used for fluorescent microscopic detection of microorganisms in direct smears. Acridine orange, a fluorochrome stain buffered at a low pH, differentiates between bright orange-stained bacteria and pale green to yellow-stained human cells and tissue. Each dropper contains sufficient reagent to stain one slide. Contains 0.5 ml of a 0.01 % solution of [3,6-bis (dimethylamino) acridine hydrochloride] in a 0.5 M acetate buffer.</p>
261195	50 ampules	<p>Calcofluor White</p> <p>Calcofluor White Reagent Droppers are used in the rapid fluorescent microscopic detection of fungi in direct smears. It is a nonspecific fluorochrome stain that binds to fungi and, depending upon the filter system employed, fluoresces either an apple green or blue white color when exposed to light of the appropriate wavelength. It may be used on fresh, frozen, fixed, paraffin-embedded, and clinical specimens. It can be used in the detection of <i>Pneumocystis carinii</i> and other opportunistic fungal parasites in bronchoalveolar lavage (BAL) specimens and aspirates from immunosuppressed individuals such as AIDS patients. Contains 0.5 ml of a 0.05 % solution of calcofluor white in distilled water.</p>
261203	50 ampules	<p>Catalase</p> <p>Catalase Reagent Droppers are used in a qualitative procedure for determining catalase activity by bacteria. The enzyme catalase is present in most aerobic and facultatively anaerobic bacteria, with the major exception of streptococci and enterococci. The enzyme catalase decomposes hydrogen peroxide into water and oxygen. Catalase Reagent Droppers contain a hydrogen peroxide solution of approximately 3 % (2.5 % to 3.5 %). This reagent has been frequently cited as a standard method for performing the catalase test. Contains (approximately) 3 % Hydrogen Peroxide and 0.05 % or less of stabilizer.</p>
261183	50 ampules	<p>Desoxycholate</p> <p>Desoxycholate Reagent Droppers are used for the presumptive differentiation of pneumococci from other gram-positive cocci by the bile solubility test. Sodium desoxycholate is a salt of purified bile acid and can be used in lower concentrations than other salts of bile acids. It is soluble in water and lyses pneumococcal cells treated with a 10 % solution. The bile solubility test may be performed by adding the sodium desoxycholate solution to a cell suspension or directly to colonies on a blood agar plate. Each dropper is good for one day's use after ampule has been broken. Contains 0.5 ml of 10 % aqueous solution of sodium desoxycholate.</p>
261187	50 ampules	<p>DMACA Indole</p> <p>DMACA Indole Reagent Droppers are for the detection of indole production as an aid in the identification of aerobic, anaerobic, or facultatively anaerobic organisms. They are used in a rapid spot test for determining the ability of bacteria to produce indole by the deamination of tryptophan. The production of indole has been widely used as an aid in differentiating certain genera and species within the same genus. p- Dimethylaminocinnamaldehyde (DMACA) has been shown to be sensitive to the production of indole. In addition, the color change with DMACA is both rapid and long lasting, making results easier to interpret than with more traditional reagents. Each dropper is good for one day's use after the ampule has been broken. Contains 0.5 ml of aqueous 1 % p-dimethylaminocinnamaldehyde in 10 % hydrochloric acid.</p>
261189	50 ampules	<p>Dobell & O'Connor Iodine</p> <p>Dobell & O'Connor Iodine Stain Droppers have a variety of uses as a microbiological stain. Among them are staining the trophozoite, cyst, and egg stages of intestinal parasites. Use of Dobell & O'Connor Iodine Stain Droppers aid the visualization of the components of specimens observed microscopically. The selection of the appropriate technique depends upon the specimen. Contains 0.5 ml of solution consisting of iodine 1 %, potassium iodide 2 %, and water.</p>