

**SS / XLD / SALCOL
 FOR SALMONELLA/SHIGELLA**

**PD046 SS Agar- PD104 XLD Agar
 DD012 Hektoen Enteric Agar/XLD Agar - DD017 SS Agar/XLD Agar
 DD006 SS Agar/SS Agar- DD043 XLD Agar/XLD Agar
 DS036 Salmonella/Salmonella**

TABLE OF INTERPRETATION OF RESULTS

Micro-organism	SS AGAR				SALCOL CHROMAGAR				XLD AGAR	
	Colony growth	Colony color	Lactose	H ₂ S	Colony growth	Colony color	Propylene Glycol	β-Galactosidase	Colony growth	H ₂ S
<i>Salmonella typhimurium</i>	excellent	colorless, black center	-	+	excellent	red	+	-	Pink-red colonies, black centers	+
<i>E. coli</i>	partially inhibited	pink	+	-	partially inhibited	blue	-	+	partially inhibited; large, flat, yellow	-
<i>Proteus mirabilis</i>	good to excellent	colorless, black center	-	+	partially inhibited	orange-pink	-	-	pink-red to orange; most strains have black centers	+
<i>Proteus vulgaris</i>	good to excellent	colorless, black shadow	-	+	partially inhibited	orange-pink	-	-	pink-red to orange; most strains have black centers	+
<i>Shigella sonnei</i>	good to excellent	colorless	-	-	good	blue	-	+	good to excellent pink-red colonies	-
<i>Shigella flexneri</i>	good to excellent	colorless	-	-	good	colorless to orange-pink	-	-	good to excellent pink-red colonies	-
<i>Staph. aureus</i>	inhibited	/	/	/	inhibited	/	inhibited	/	inhibited	/