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**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 | / |