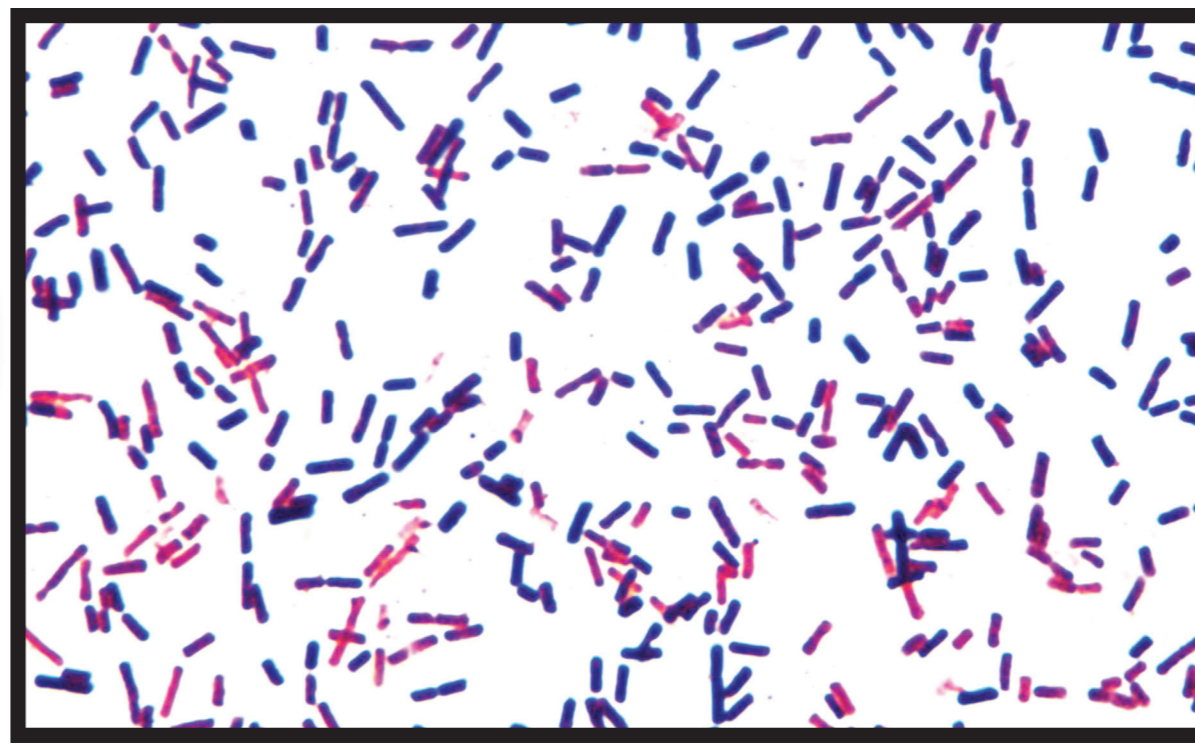
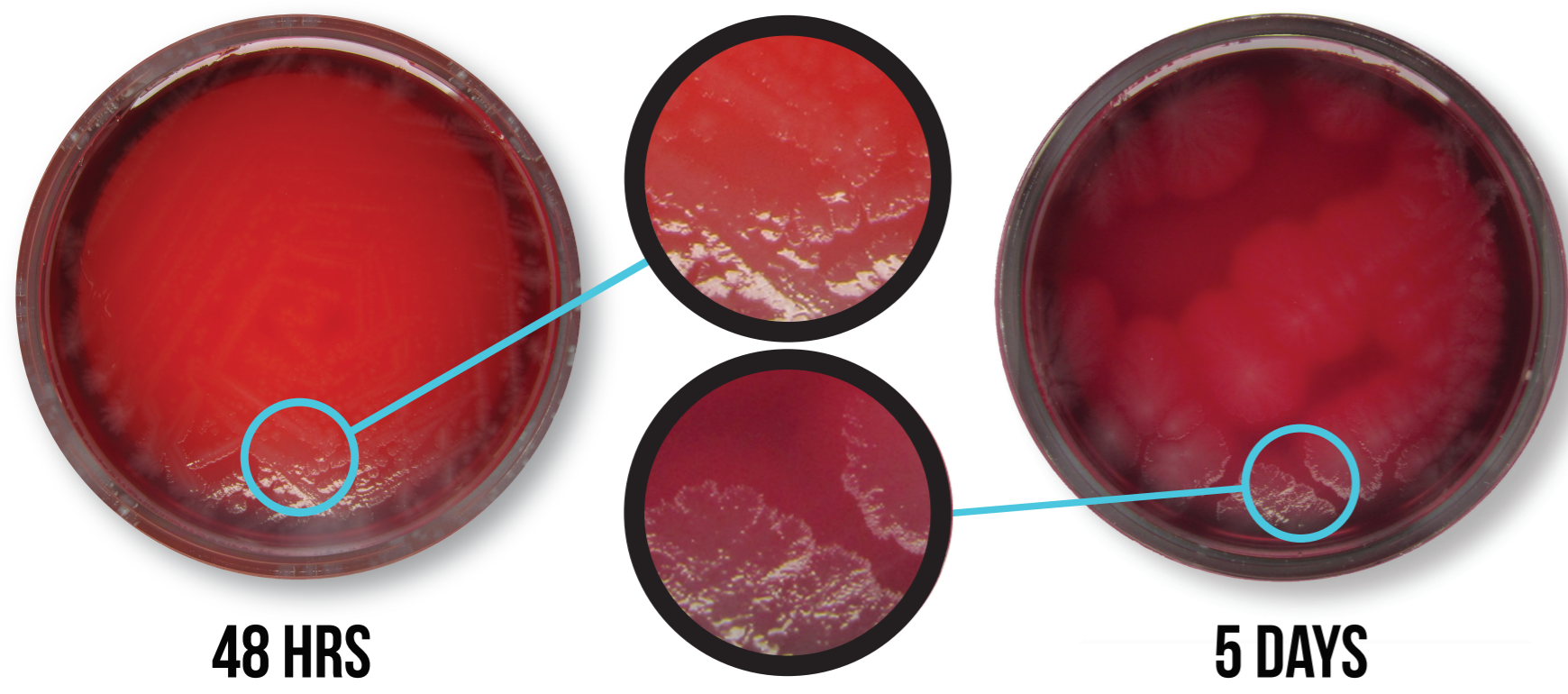


CLINICALLY RELEVANT GRAM-POSITIVE ANAEROBES

Clostridium perfringens



Colonial appearance: 2mm / round / translucent grey colonies with an entire or spreading edge growing to 4-5mm

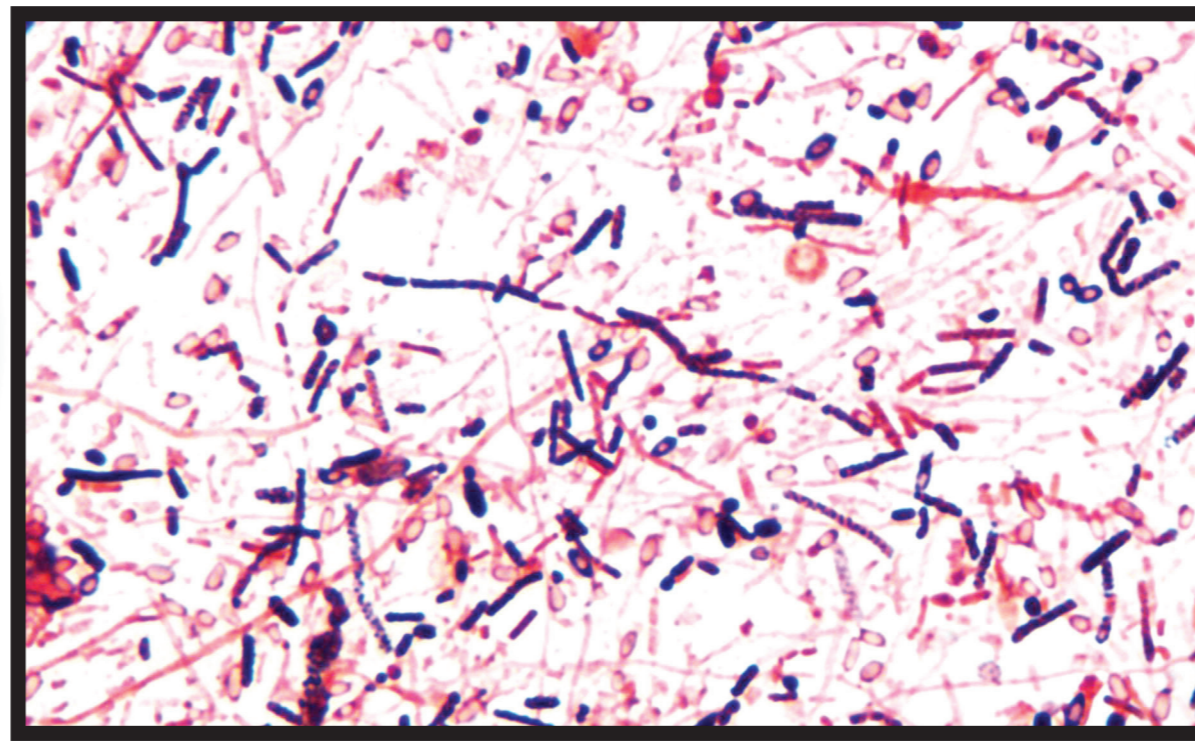
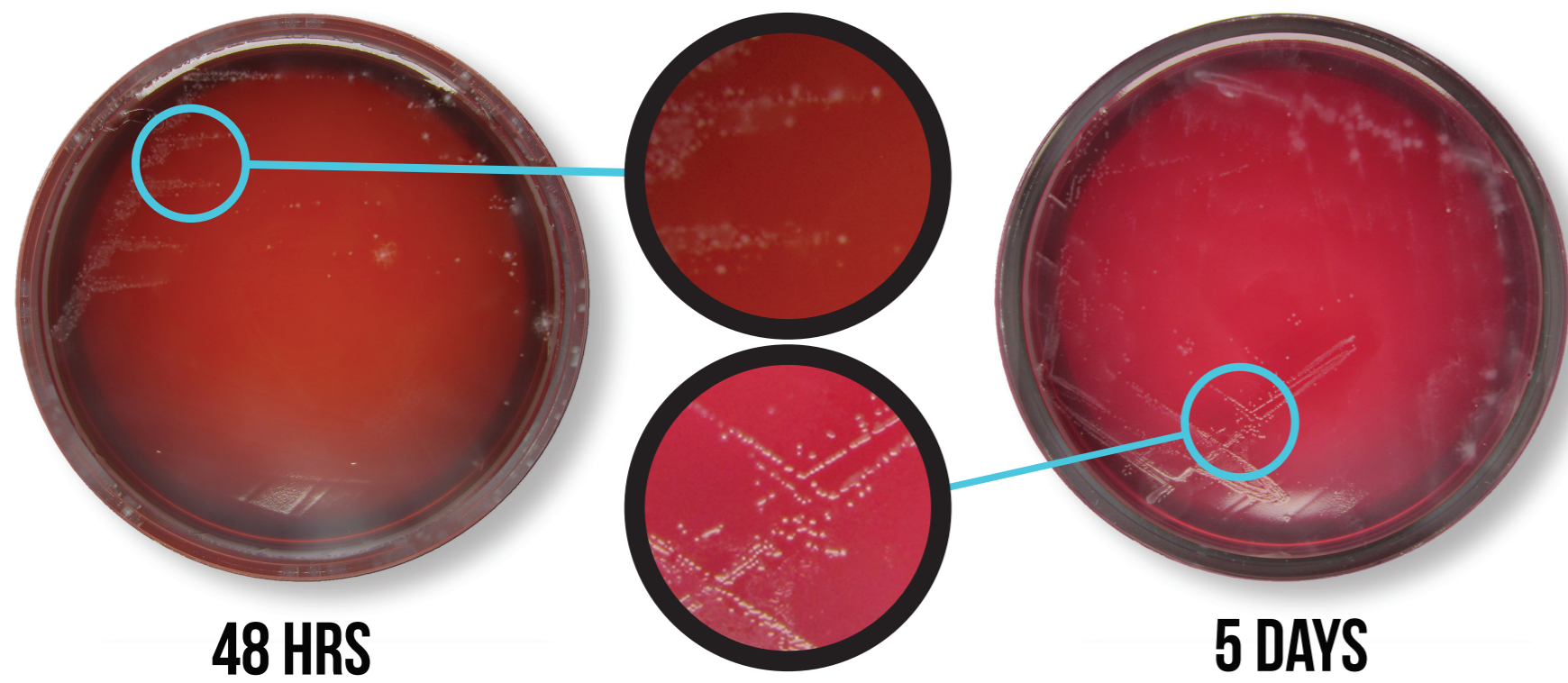
Microscopic appearance: Gram positive brick shaped cells, spores absent

Odour: Sweet / sickly

Incubation: 2-5 Days

SP Discs: K1000-S CT10-R VA5-S

Clostridium septicum



Colonial appearance: Spreads across the agar surface as a thick, single swarm / may show β -haemolysis

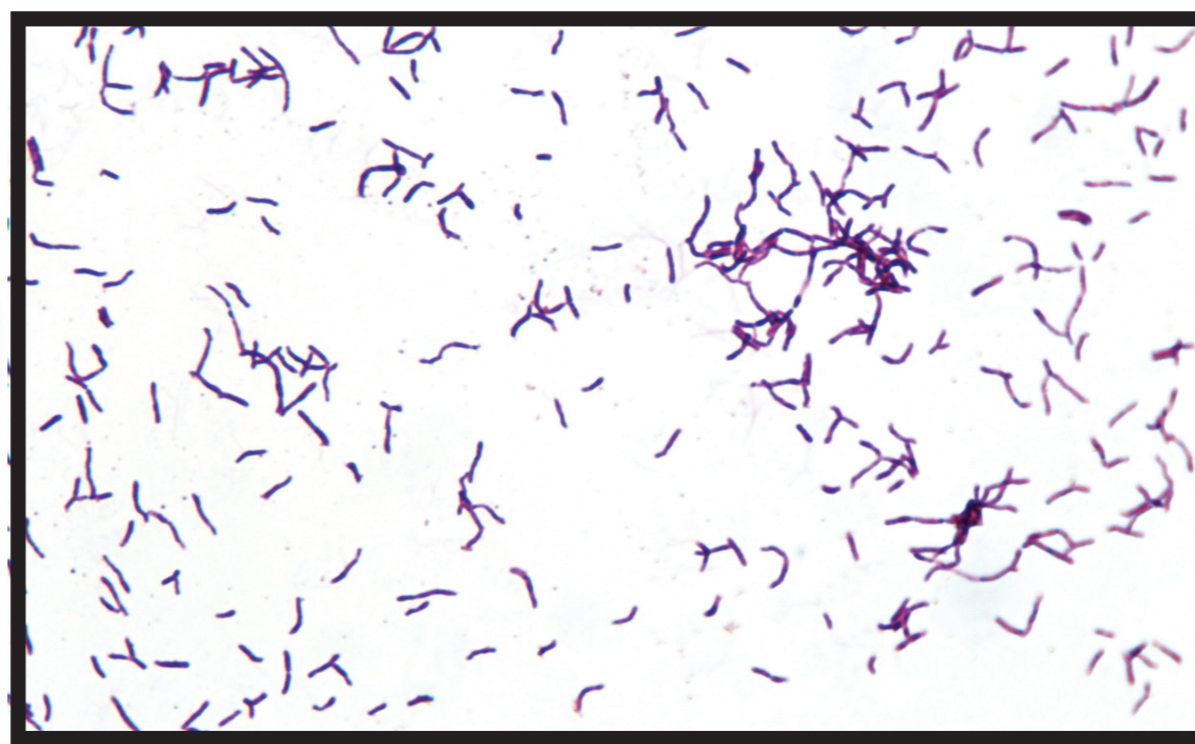
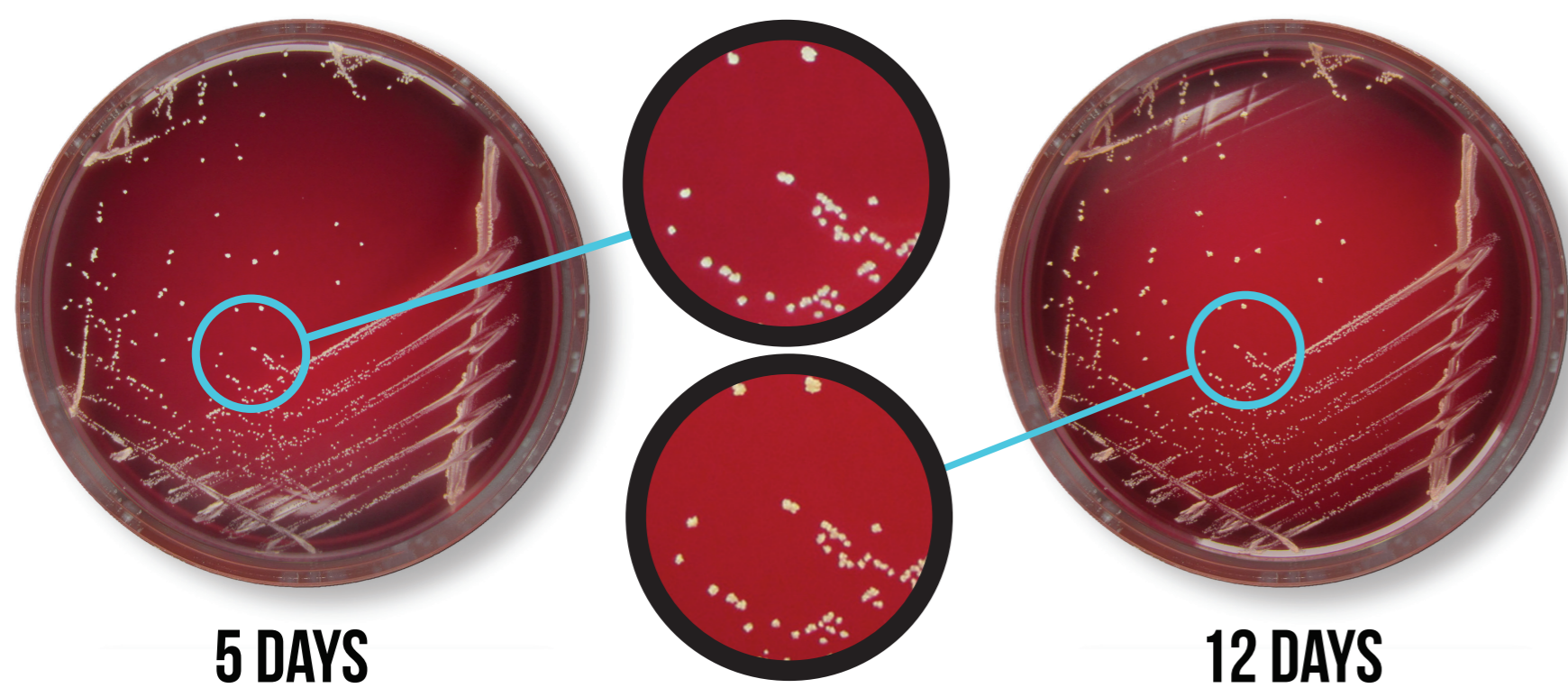
Microscopic appearance: Large gram positive rods with oval sub-terminal spores

Odour: None

Incubation: 2-5 Days

SP Discs: K1000-S CT10-R VA5-S

Actinomyces israelii



Colonial appearance: <0.5mm / irregular edged, "molar tooth" colonies / whitish colonies growing to 2-3mm

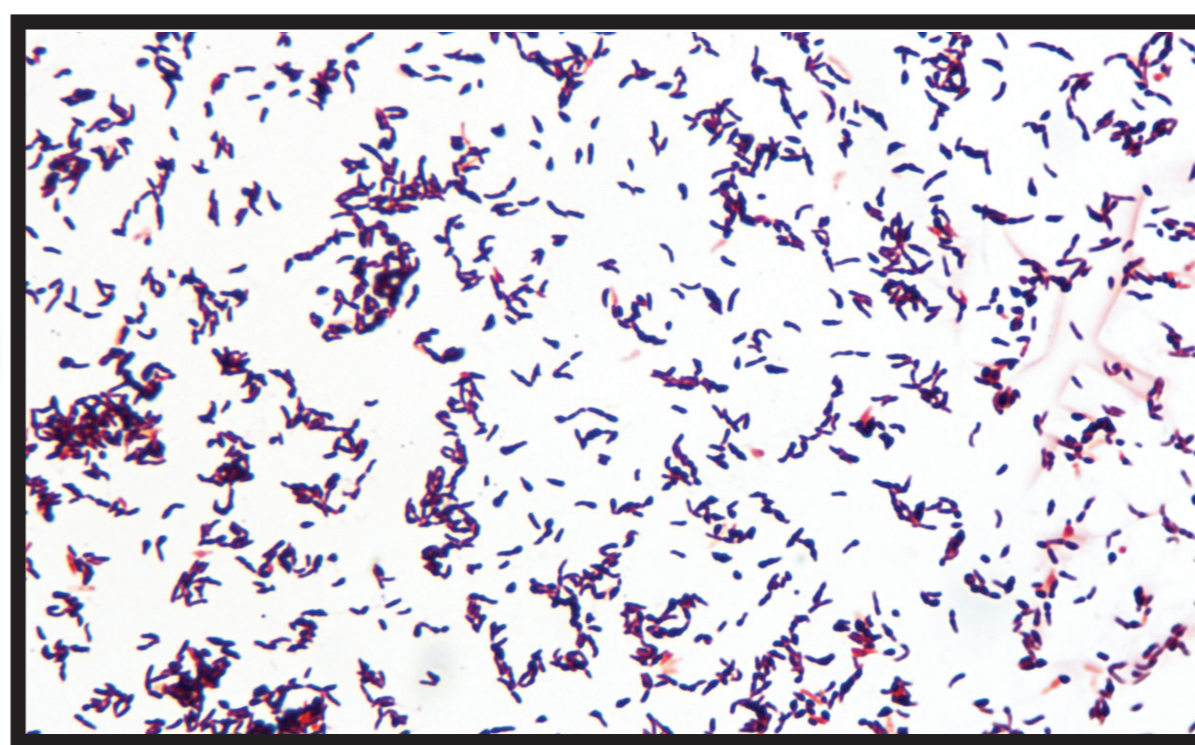
Microscopic appearance: Gram positive rods with some rudimentary branching

Odour: None

Incubation: 5-14 Days

SP Discs: K1000-V CT10-R VA5-S

Propionibacterium acnes



Colonial appearance: <0.5mm / round / opaque white to grey colonies growing to 3-4mm / Some strains weakly β -haemolytic

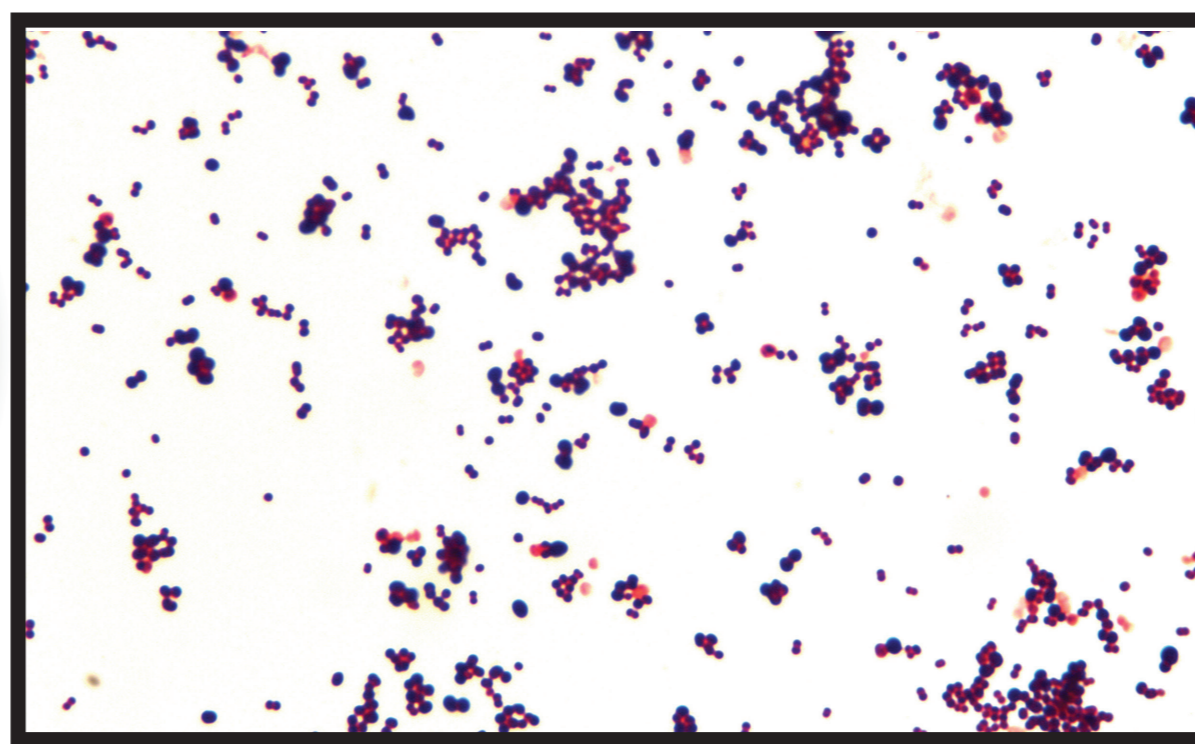
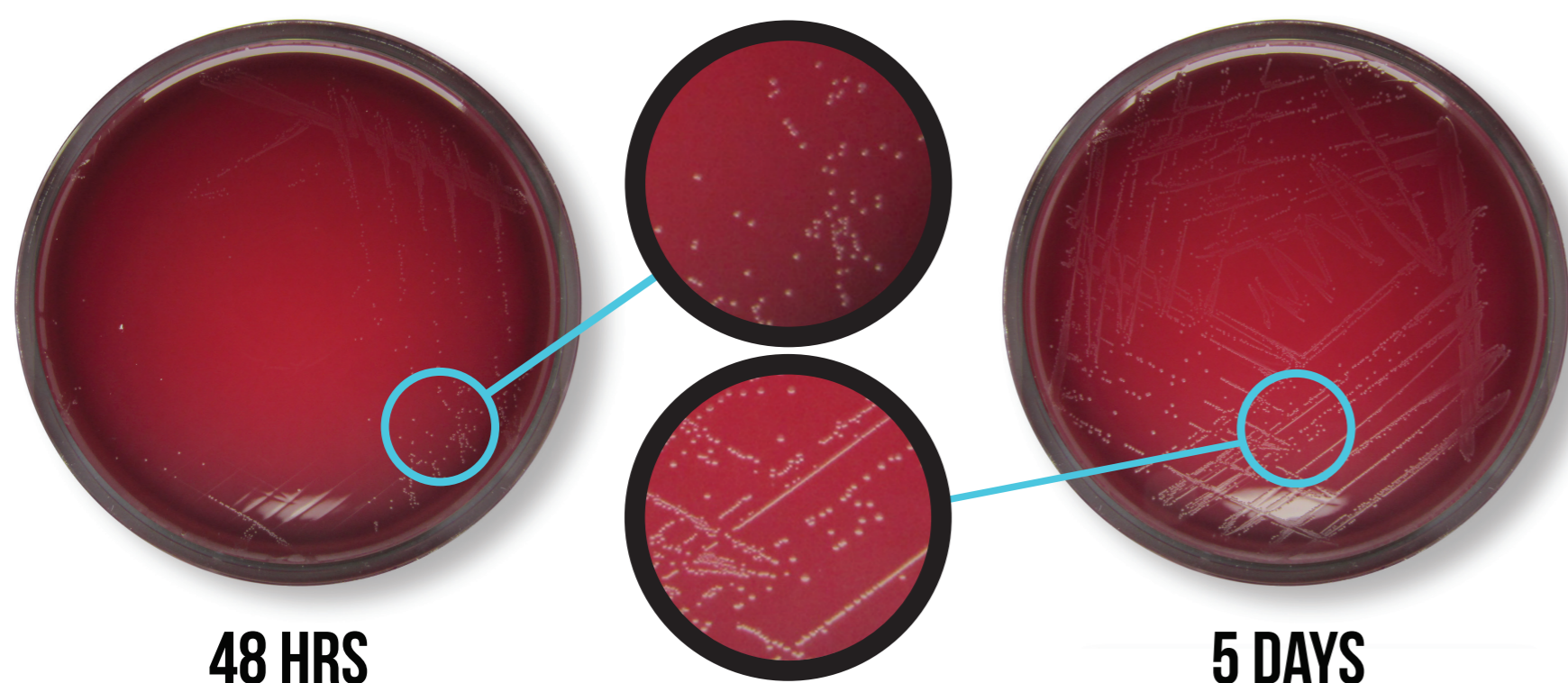
Microscopic appearance: Gram positive non-sporing rods

Odour: Pungent, acidic

Incubation: 2-5 Days

SP Discs: K1000-V CT10-R VA5-S

Finegoldia magna



Colonial appearance: 0.5-1mm / round / translucent grey growing to 2-3mm with no colour change

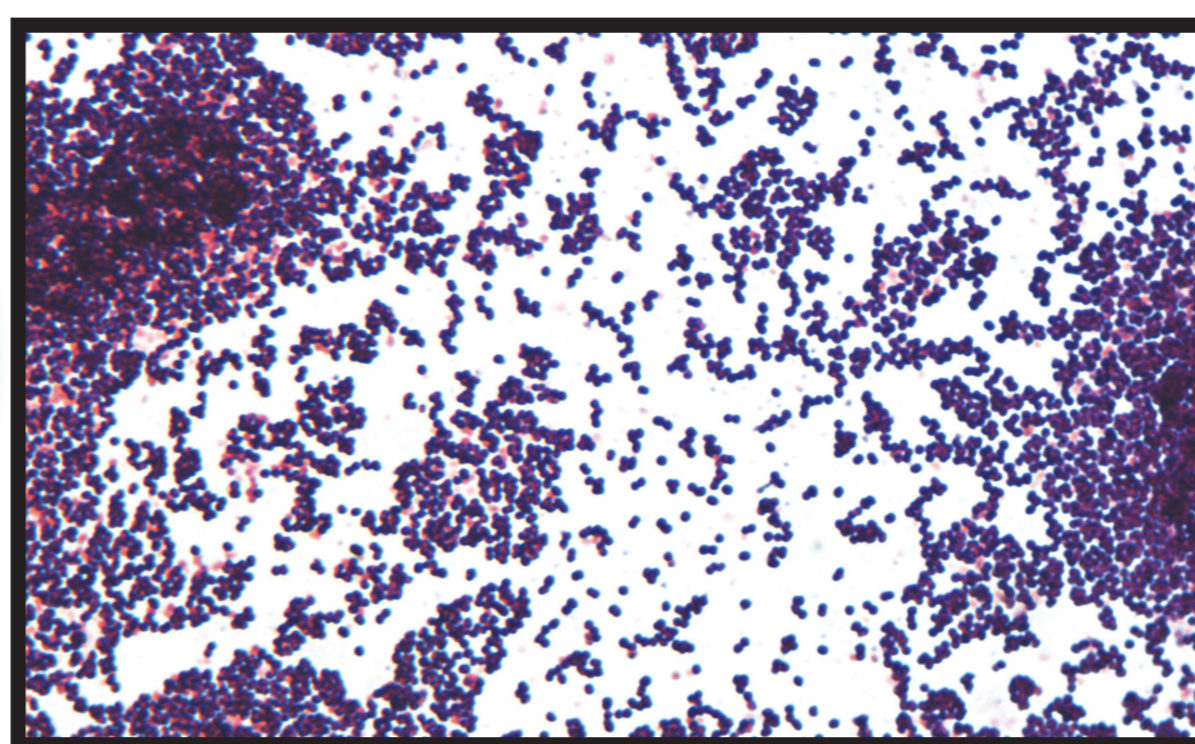
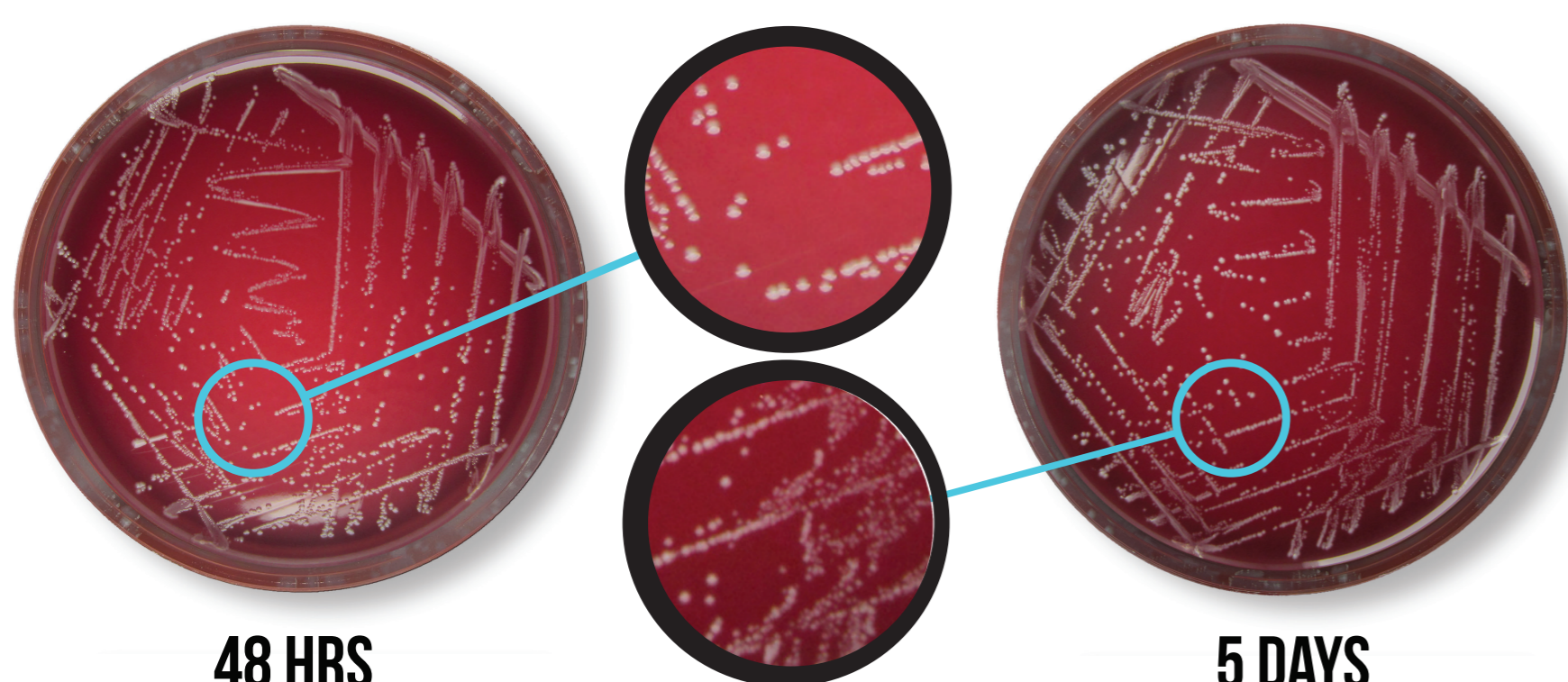
Microscopic appearance: Gram positive cocci in clusters, similar to staphylococci

Odour: None

Incubation: 2-5 Days

SP Discs: K1000-V CT10-R VA5-S

Peptostreptococcus anaerobius



Colonial appearance: 1-2mm / round / opaque grey colonies growing to 3-4mm

Microscopic appearance: Gram variable cocci in clusters and short chains

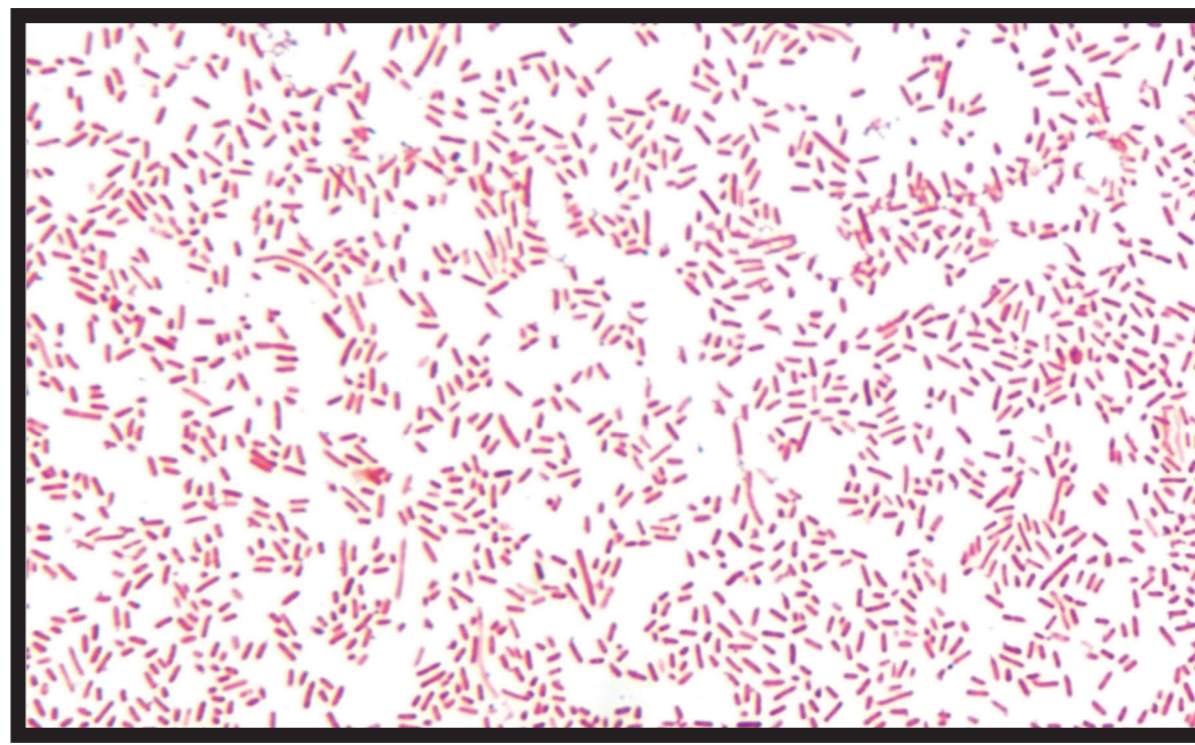
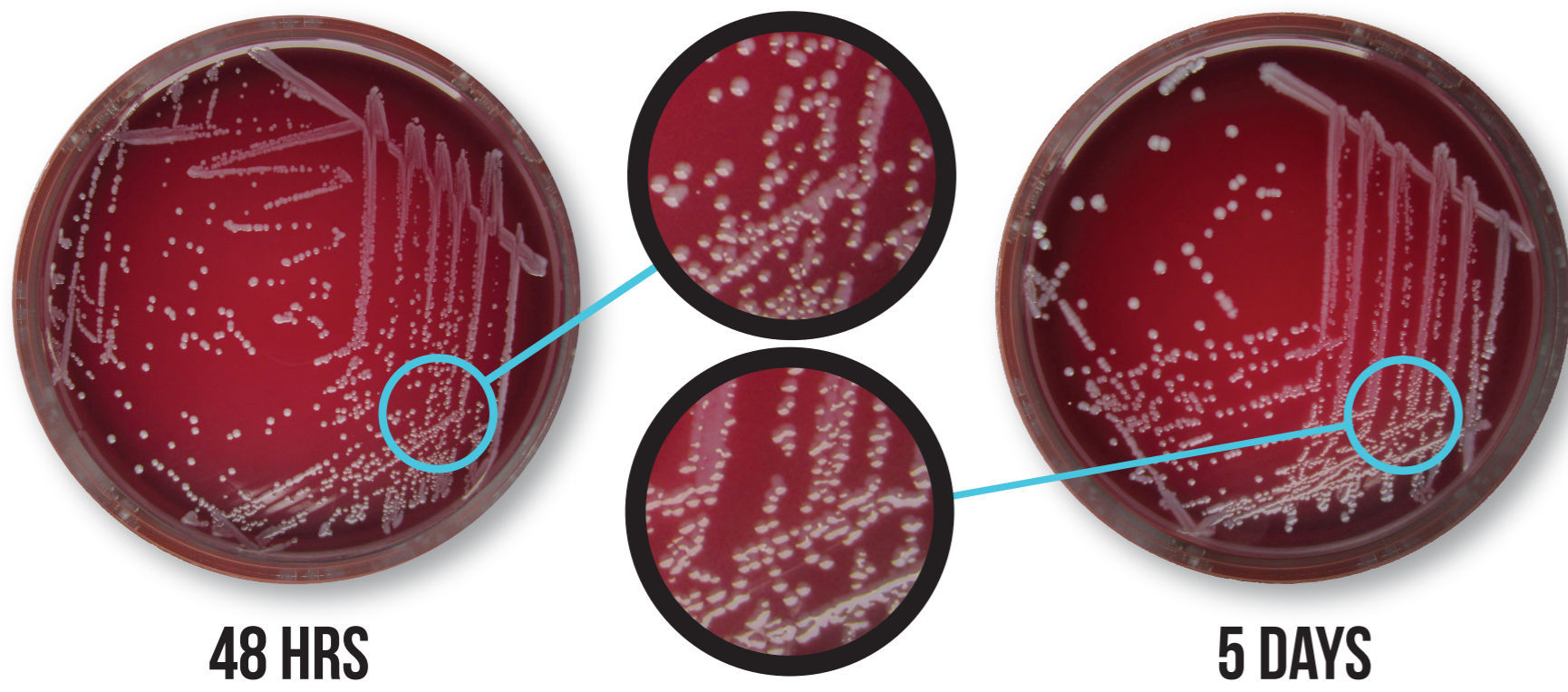
Odour: Fresh "Plasticine"

Incubation: 2-5 Days

SP Discs: K1000-V CT10-R VA5-S

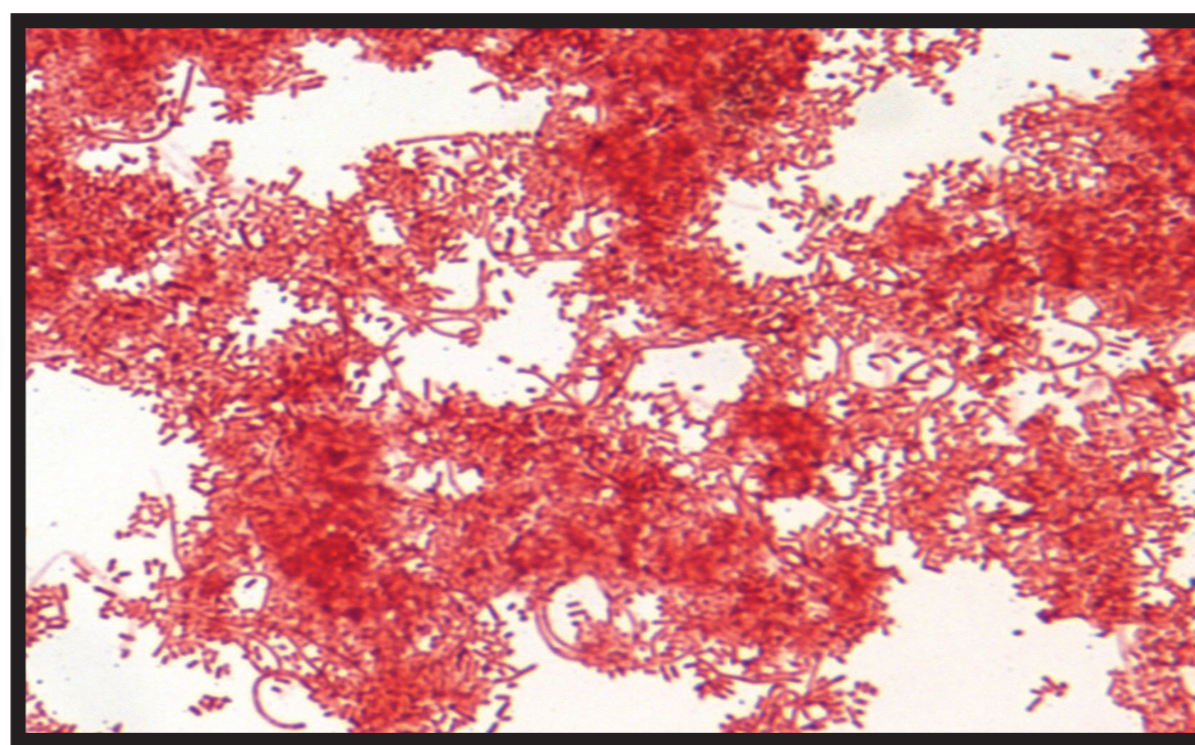
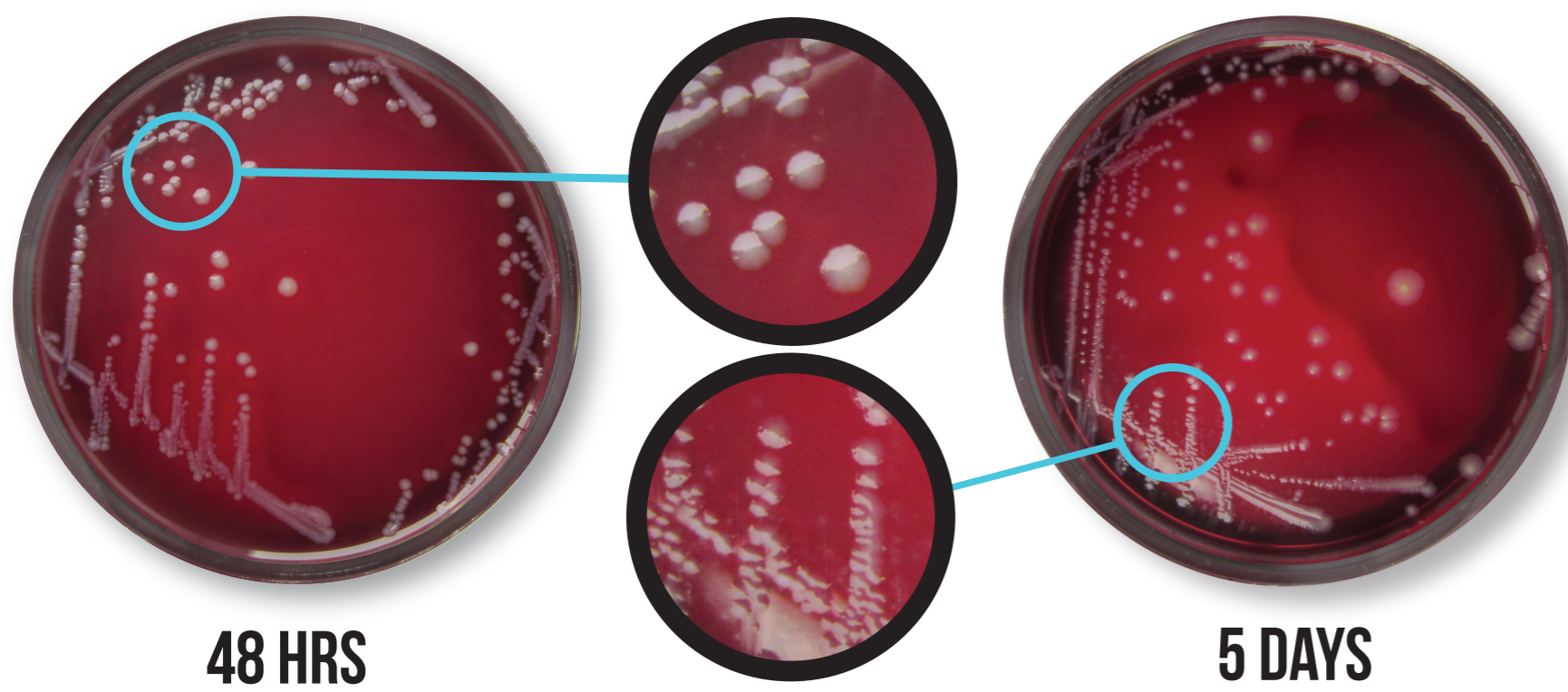
CLINICALLY RELEVANT GRAM-NEGATIVE ANAEROBES

Bacteroides fragilis



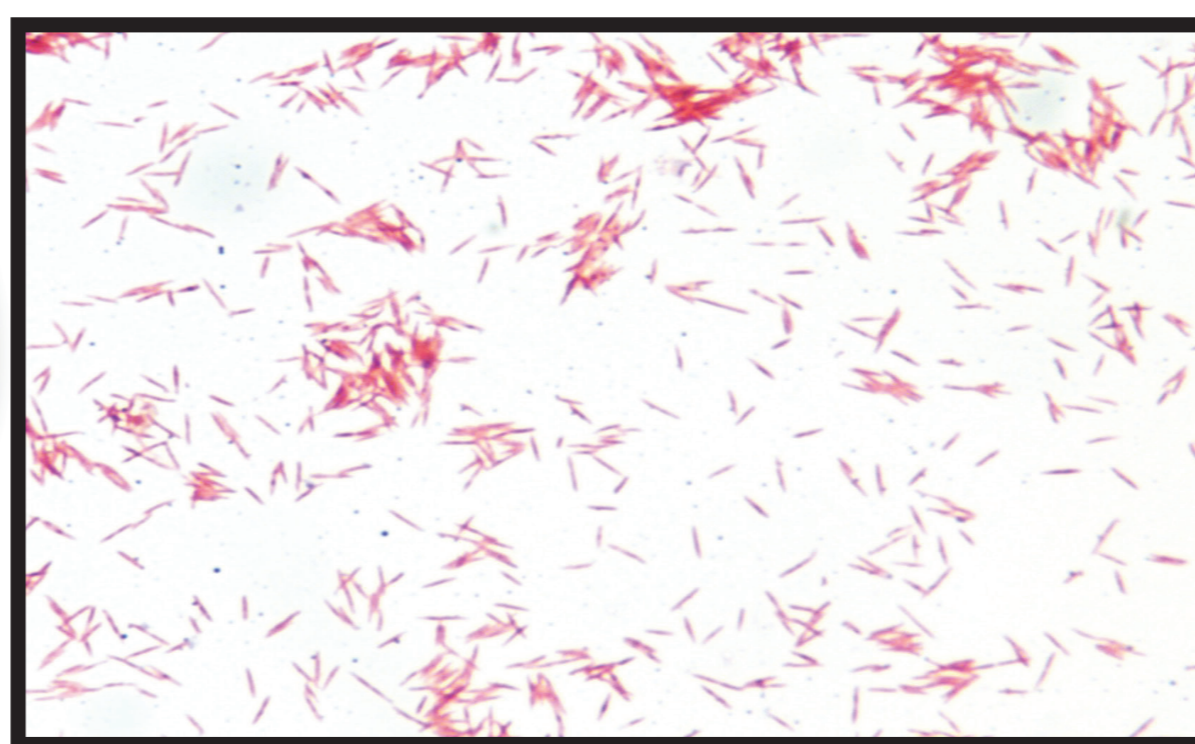
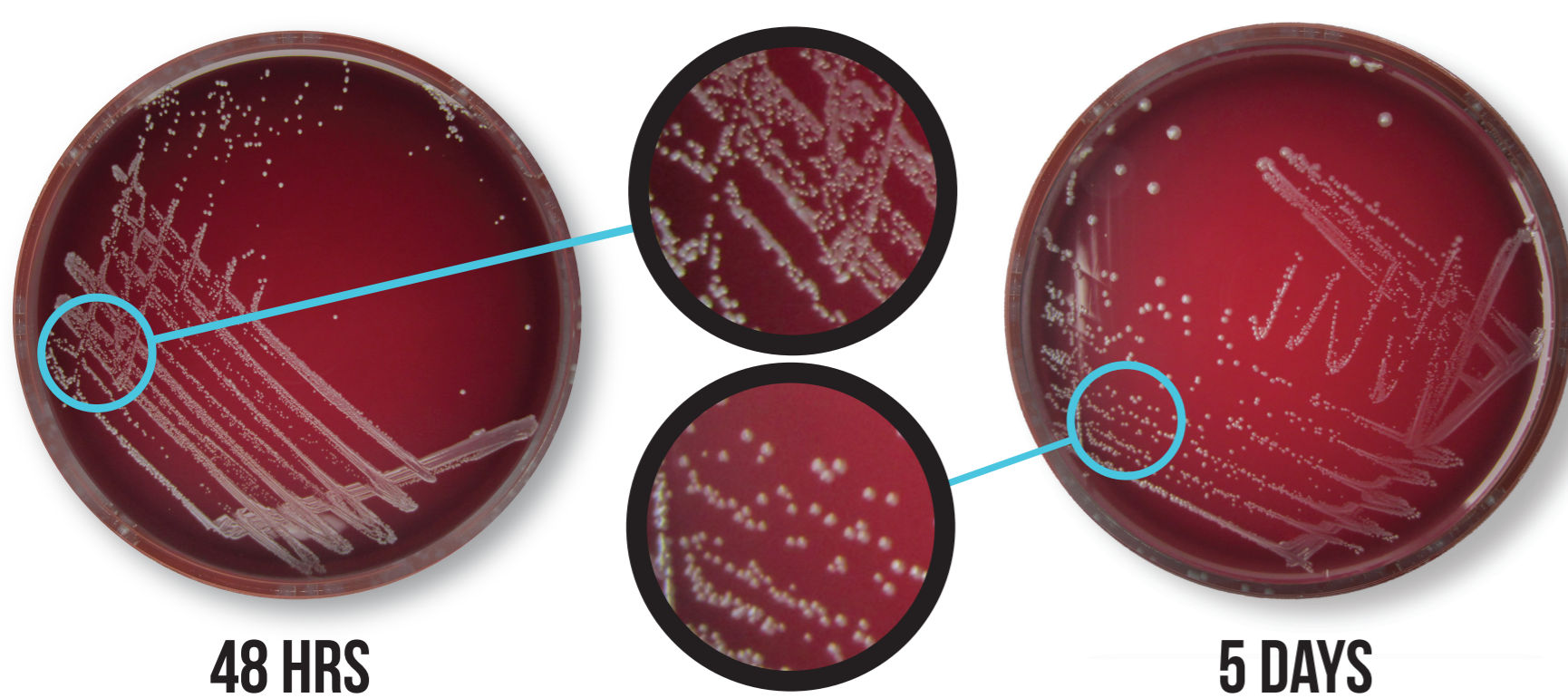
Colonial appearance: 2-4mm / round / opaque grey/white with entire edge
Microscopic appearance: Pleomorphic Gram negative rods with vacuoles giving "safety pin" appearance
Odour: Sour
Incubation: 2-5 Days
SP Discs: K1000-R CT10-R VA5-R

Fusobacterium necrophorum



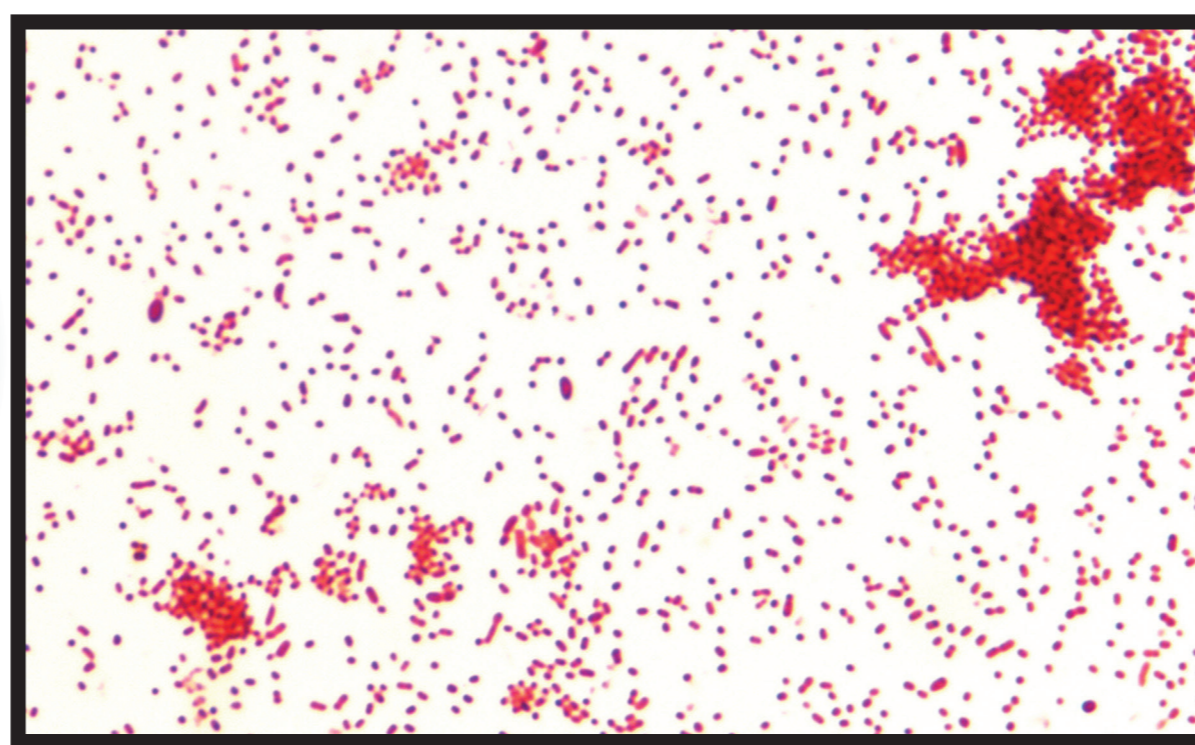
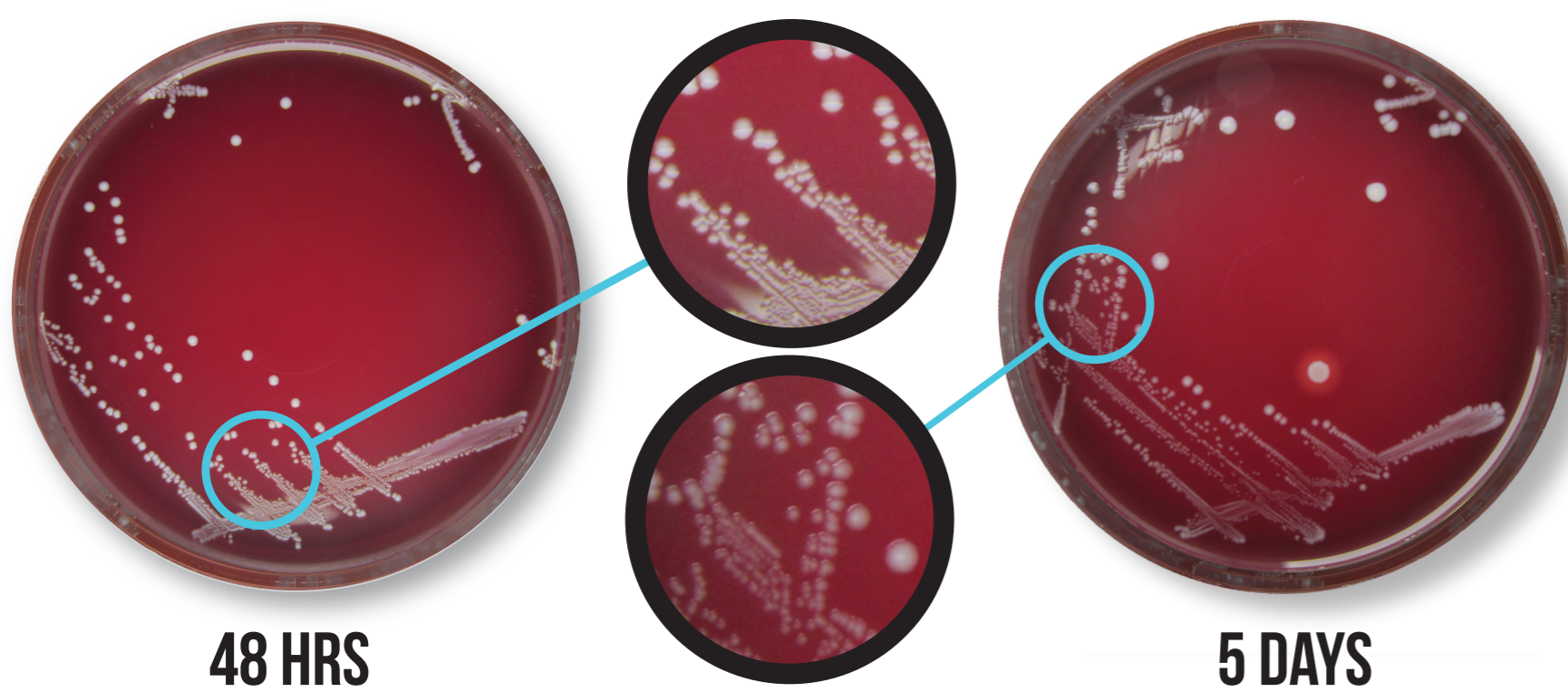
Colonial appearance: 1mm / round / translucent grey growing to 3-4mm yellowish waxy colonies with raised centre / β -haemolytic
Microscopic appearance: Pleomorphic Gram negative rods. A few long forms amongst many shorter cocco-bacilli
Odour: Rancid butter / boiled cabbage
Incubation: 2-5 Days
SP Discs: K1000-S CT10-S VA5-R

Fusobacterium nucleatum



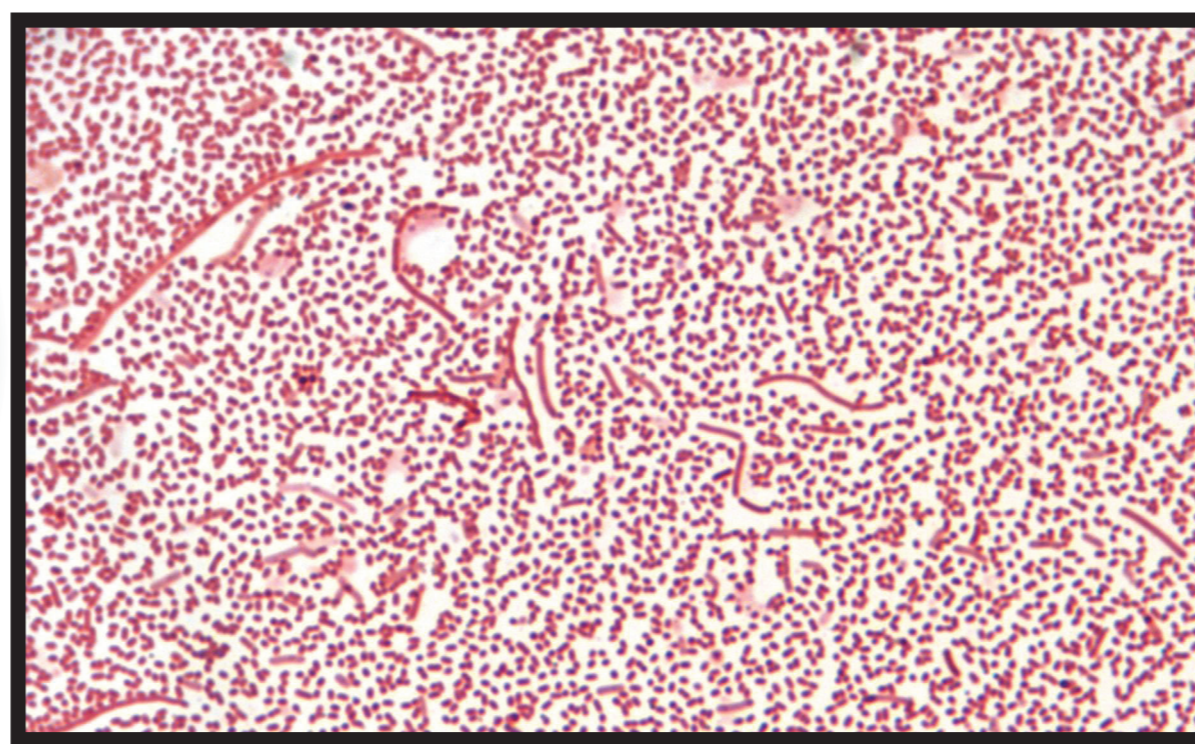
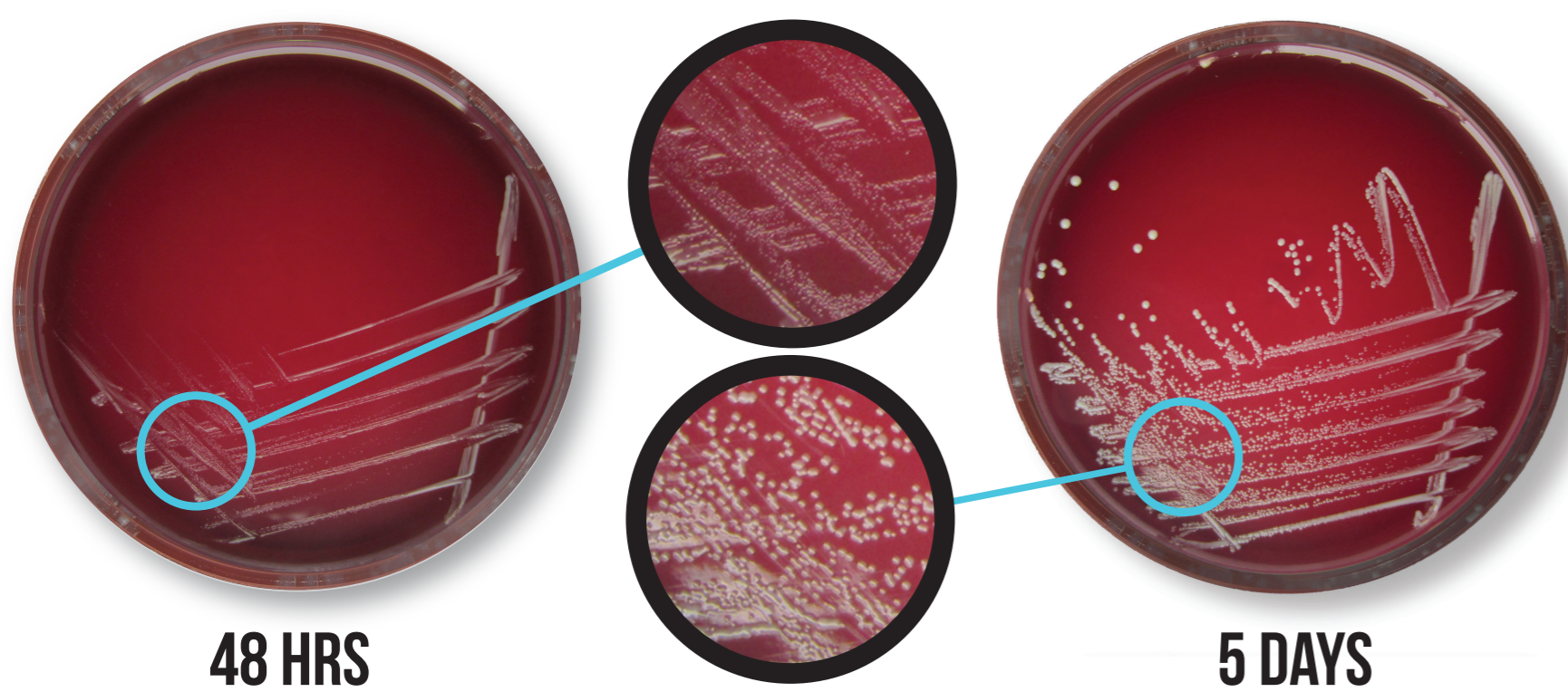
Colonial appearance: 1mm / irregular edged / opaque grey, "breadcrumb" appearance growing to 2-3mm. Greening of agar around the colony when exposed to air
Microscopic appearance: Gram negative, long, thin "javelin" shaped rods. Unmistakeable appearance
Odour: Rancid butter / boiled cabbage
Incubation: 2-5 Days
SP Discs: K1000-S CT10-S VA5-R

Prevotella melaninogenica



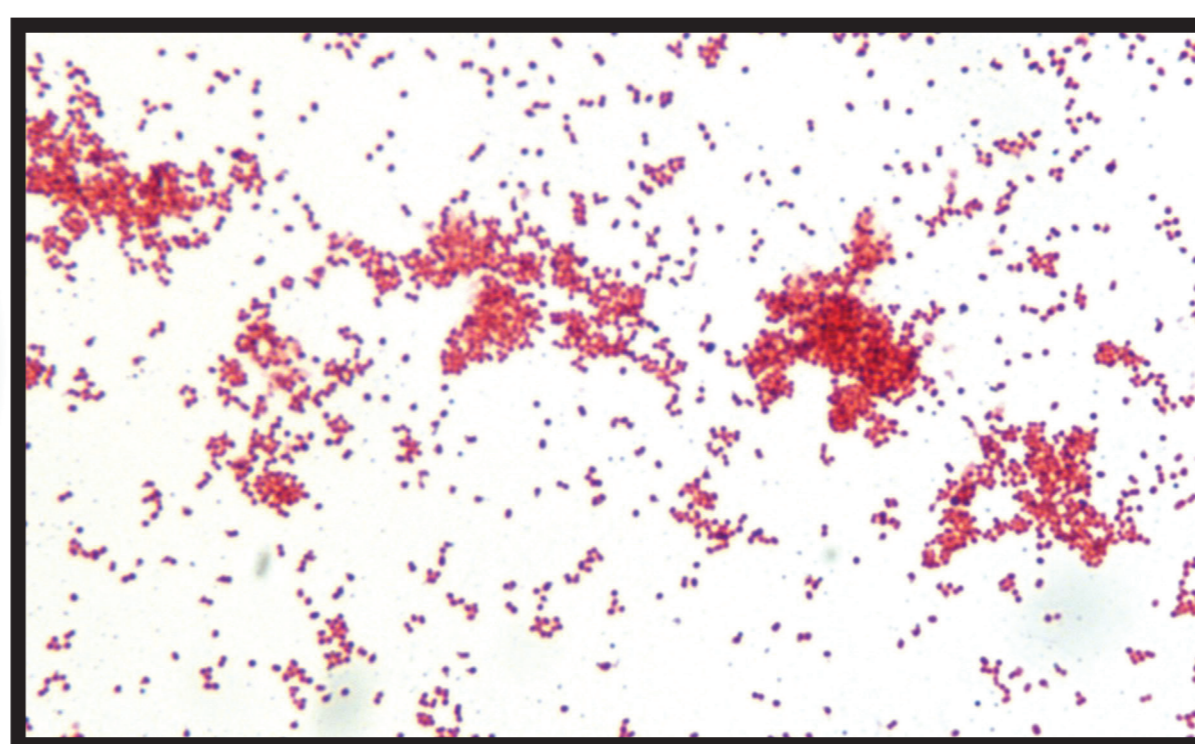
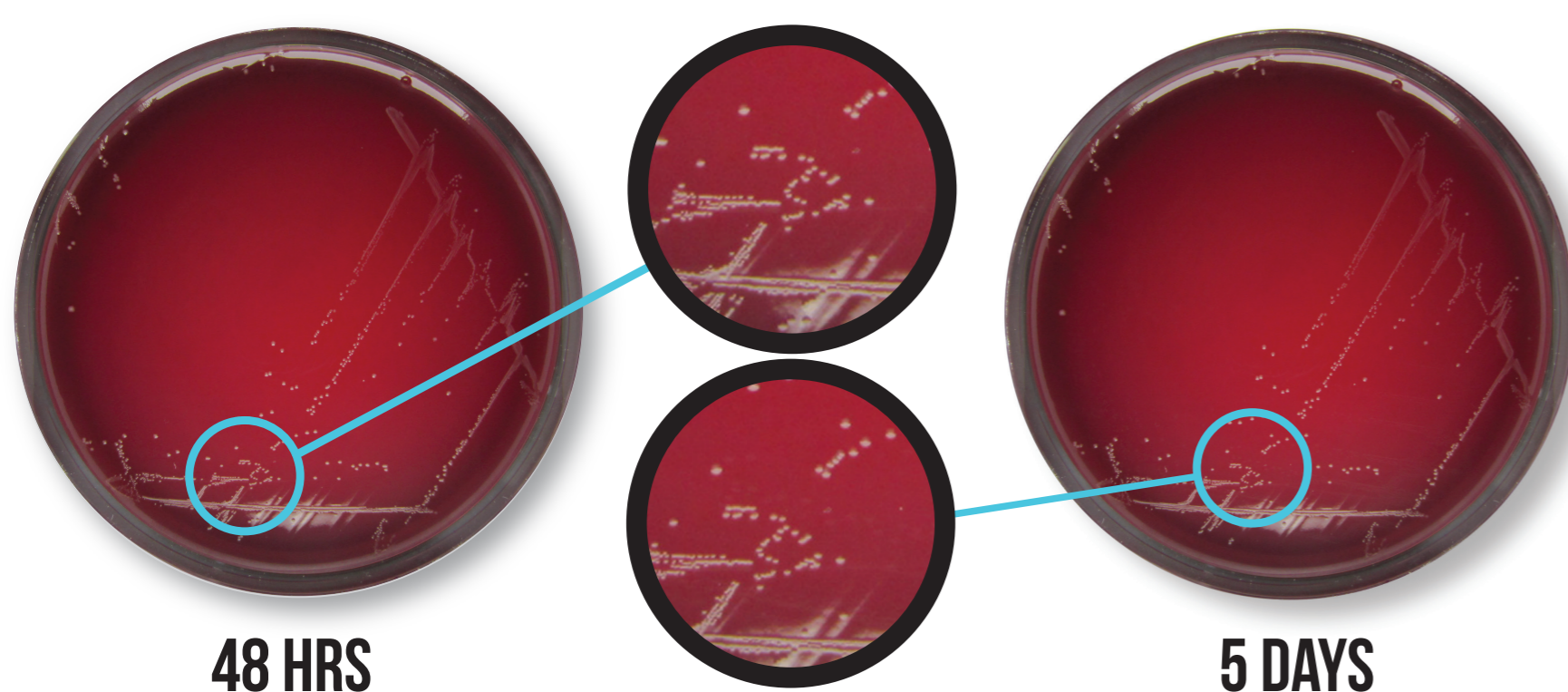
Colonial appearance: 0.5-1mm / round / translucent grey growing to 2-3mm with a tan to black pigment
Microscopic appearance: Small Gram negative cocco-bacilli with occasional long forms
Odour: Foul
Incubation: 2-5 Days
SP Discs: K1000-R CT10-S VA5-R

Porphyromonas asaccharolytica



Colonial appearance: 0.5-1mm / round / translucent grey growing to 2-3mm with a black pigment / β -haemolytic
Microscopic appearance: Small Gram negative cocco-bacilli with occasional rods
Odour: Foul
Incubation: 2-5 Days
SP Discs: K1000-R CT10-R VA5-S

Veillonella species



Colonial appearance: 0.5mm / round / translucent grey growing to 1-2mm with no colour change. Non-haemolytic
Microscopic appearance: Very small Gram negative cocci in pairs and small clusters
Odour: None
Incubation: 2-5 Days
SP Discs: K1000-S CT10-S VA5-R