

PREVIEW

Table 3.1 Reference Strains

CDS quality assurance reference strains for aerobic, micro-aerophilic, and anaerobic bacteria.

ATCC Number	Reference Strain	NCTC	Features
25285	<i>Bacteroides fragilis</i>	9343	β -lactamase positive
33560	<i>Campylobacter jejuni</i>	11351	
13124/19408	<i>Clostridium perfringens</i>	8237	
29212	<i>Enterococcus faecalis</i>	12697	
25922	<i>Escherichia coli</i>	12241	
35218	<i>Escherichia coli</i>	11954	β -lactamase positive
49766	<i>Haemophilus influenzae</i>	12975	
49247	<i>Haemophilus influenzae</i>	12699	DS to β -lactams due to PBP mutations
27853	<i>Pseudomonas aeruginosa</i>	12903	
9144	<i>Staphylococcus aureus</i>	6571	
49619	<i>Streptococcus pneumoniae</i>	12977	

3.2.1. Obtaining reference strains

The CDS Reference Laboratory has undertaken a review of the reference cultures in order to eliminate any doubt as to their provenance and authenticity. A reference culture collection must have a record of identity, source and history of the culture, as well as the date of acquisition. To comply with this requirement the CDS reference laboratory has replaced all the reference strains with ATCC standard strains as listed in table 3.1.

Certified, characterised strains can be procured in Australia from Invitro Technologies Pty Ltd or Thermofisher Scientific Australia Pty Ltd. Registered CDS users that do not have the facility or finances to maintain their own culture collection can contact the CDS laboratory to arrange the supply of organisms.

The address and contact details for the laboratory are below:

The Antibiotic Reference Laboratory
Department of Microbiology
Clinical Services Building
St. George Hospital
Kogarah NSW 2217
Australia
Tel: (02) 9113 3346
Fax: (02) 9113 3349

E-mail: NSWPATH-SealsCDS@health.nsw.gov.au
dianne.rafferty@health.nsw.gov.au
julie.allerton@health.nsw.gov.au