

Membrane Filtration

INCUBATION TIME  
**48**  
HOURS

SHELF LIFE  
**15**  
MONTHS

STORAGE  
**RT**  
+1°C to +30°C

HyServe

## Compact Dry PA

for the detection of *Pseudomonas aeruginosa*

The Compact Dry PA *ready-to-use* plate from HyServe combines the properties of chromogenic dry media and gel contact plates. It is intended for the verification of *Pseudomonas aeruginosa* in food samples, feedstuffs, water, cosmetic products and other material samples. After applying the sample (1 ml), the dehydrated Compact Dry PA plate turns jellylike. The sample diffuses independently and evenly. Further steps such as manual spreading are eliminated.

The gram negative, aerobic, rod-shaped bacterium *Pseudomonas aeruginosa* is a typical soil and water bacterium found on plants and in damp environments. These include surface water but also tap water, odour traps, showers, toilets, medications, cosmetics, contact lens fluid, contaminated infusion solutions and blood bottles, ventilators and inhalers, humidifiers, and dialysis equipment and fluids. It is found in the human colon and on plants, fruits and prepared foods.

As an undemanding non-fermenter, *Pseudomonas* can survive in distilled water and sometimes also in disinfectant solutions. *Pseudomonas aeruginosa* rarely causes illness in humans with a healthy and strong immune system. But when the immune system is weakened, the bacterium can cause various illnesses such as pneumonia, wound infection and blood poisoning (sepsis).

**keydiagnostics**

T: 02 8212 4074 F: 02 9423 6992  
info@keydiagnostics.com.au  
www.keydiagnostics.com.au  
PO Box 1038, Gymea, NSW, 2227



ISO 16140



MicroVal



AOAC

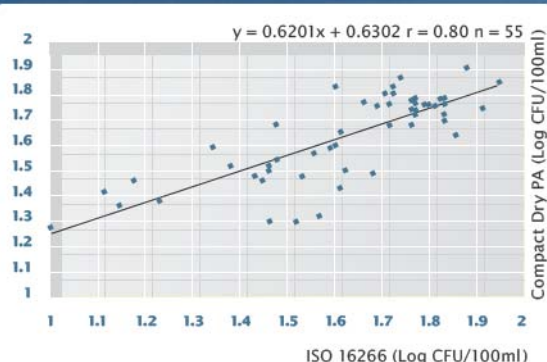


NordVal

**Production:**  
ISO 9001+ ISO 13485

**Validation:**  
ISO 16140

**Certificates:**  
MicoVal – submitted  
AOAC – submitted  
NordVal – submitted



Compact Dry PA vs. ISO 16266

<i>Pseudomonas aeruginosa</i>	CD PA Red colony	green-yellowish Pigment
<i>Pseudomonas aeruginosa</i> ATCC10145T	+	+
<i>Pseudomonas aeruginosa</i> ATCC27853	+	+
<i>Pseudomonas aeruginosa</i> ATCC25619	+	-
<i>Pseudomonas aeruginosa</i> ATCC25668	+	+
<i>Pseudomonas aeruginosa</i> ATCC9027	+	+
<i>Pseudomonas aeruginosa</i> ATCC9721	+	+
<i>Pseudomonas aeruginosa</i> ATCC29248	+	-
<i>Pseudomonas aeruginosa</i> ATCC10490	+	-
<i>Pseudomonas aeruginosa</i> ATCC14207	+	+
<i>Pseudomonas aeruginosa</i> NS4984	+	+
<i>Pseudomonas aeruginosa</i> NS4985	+	+
<i>Pseudomonas aeruginosa</i> NS4986	+	+
<i>Pseudomonas aeruginosa</i> NS4987	+	+
<i>Pseudomonas aeruginosa</i> NS4988	+	+
<i>Pseudomonas aeruginosa</i> NS4989	+	+
<i>Pseudomonas</i> spp.		
<i>P. putida</i> ATCC12633	-	-
<i>P. putida</i> ATCC15070	+	-
<i>P. putida</i> ATCC17472	-	-
<i>P. vesicularis</i> ATCC11426	-	-
<i>P. pickettii</i> ATCC27511	-	-

Colour development of various *Pseudomonas* spp. strains on Compact Dry PA

## Compact Dry PA

Compact Dry PA plates are incubated at 34 – 36°C for 45 – 51 hours. Then the quantitative detection of the *Pseudomonas aeruginosa* bacterium is possible based on the red colonies. The colonies typically have a greenish-yellow ring. Tests have shown that about 20 of the *P. aeruginosa* strains form a weak or no greenish-yellow ring. Compact Dry PA plates do not require a confirmation test for the detection of *Pseudomonas aeruginosa*.

The ready-to-use plate is also suitable for the membrane filter method for the detection of bacteria in water or other liquids.

Compact Dry PA is available in four different package sizes: 40, 240, 500 or 1400 plates per order unit.

Like all Compact Dry plates, Compact Dry PA can be stored at room temperature. Cooling is not required. Currently the shelf life of Compact Dry PA is 15 months from the manufacturing date.

ID number	Package size	
1 002 947	40 plates	<b>Compact Dry PA</b>
1 002 948	240 plates	
1 002 949	500 plates	
1 502 949	1400 plates	
1 002 953	40 swabs	<b>Compact Dry Swab</b>
1 002 952	240 swabs	
1 402 954	600 swabs	
1 000 888/889	128 wells	<b>Dilution Rack for Compact Dry PBS/MRD</b>
1 000 887	1 piece	<b>Opener for Dilution Rack</b>

Additional Compact Dry test procedures under: [www.hyserve.com](http://www.hyserve.com)

# HyServe

**HyServe GmbH & Co. KG**

Hechenrainer Str. 24  
82449 Uffing | Germany

[www.hyserve.com](http://www.hyserve.com)  
[info@hyserve.com](mailto:info@hyserve.com)

Tel. +49 (0) 88 46-13 44  
Fax +49 (0) 88 46-13 42