

cellQART® made by SABEU

Multi-compatible Inserts for Cell Culture Well Plates



SABEU – Plastics & Membrane Technology

We are a leading system provider of microporous filter membranes and injection molded components. In these areas we develop products based on customer specifications, manufacture serial products and set own standards with our cellQART®, TRAKETCH® and FLUXX® product lines — all Made in Germany.

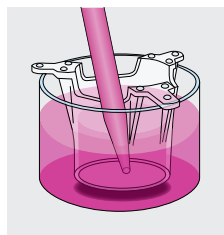
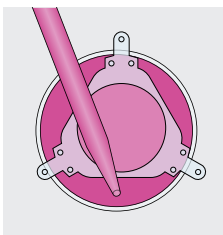
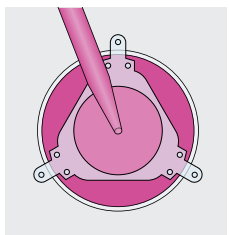
cellQART® – Cell Culture Inserts

With our cellQART® Cell Culture Inserts we are dedicated to resolve the dilemma of customer needs for innovative cell culture products meeting highest standards at affordable prices. This product portfolio will come with PET membranes in translucent or clear optics and 6-, 12- or 24-Well format which is compatible with most standard Cell Culture Plates.

Wide window of cellQART® Cell Culture Insert for comfortable pipetting access.

Asymmetric positioning of cellQART® Cell Culture Inserts...

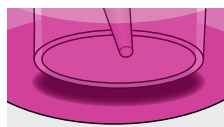
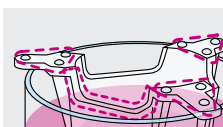
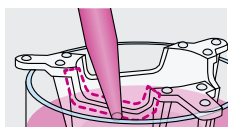
...for comfortable pipetting access to the cultivation vessel.



Lowered top edge for better pipetting access to the cultivation vessel.

Lowered top edge and embossed spots on arms for better gas exchange.

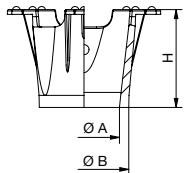
≥ 1 mm space between cellQART® Cell Culture Inserts and bottom of cultivation vessel.



Product characteristics

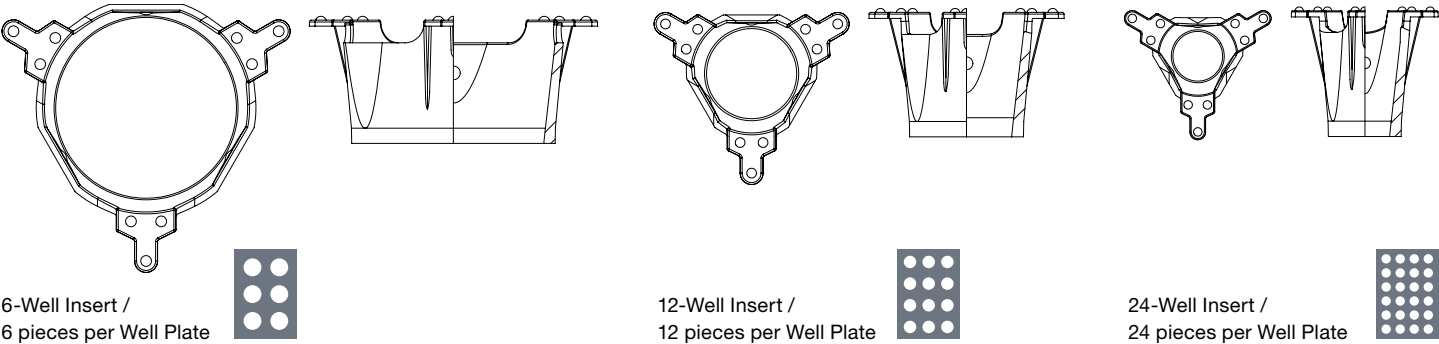
- Convenient pipette access
- Optimized gas exchange by product design
- RNase/DNase free and non-pyrogenic
- Compatible with most standard Cell Culture Plates
- Industry leading quality standards to ensure 100 % membrane parameter consistency and reproducible cell culture results
- DIN EN ISO 9001, DIN EN ISO 13485 certified and ISO class 8 clean room production
- Project based customization possible with 100 % in-house production of plastics & membrane components

Insert dimensions

	6-Well Insert	12-Well Insert	24-Well Insert
			
Ø A = Inner diameter	23.9 mm	11.9 mm	6.4 mm
Ø B = Outer diameter	26.9 mm	14.9 mm	9.4 mm
‡ H = Height	16.3 mm	16.3 mm	16.3 mm
Growth area	4.5 cm ²	1.1 cm ²	0.3 cm ²
Working volume Insert	1 – 4 ml	0.2 – 0.8 ml	0.1 – 0.4 ml
Working volume Well	2 – 4 ml	0.9 – 1.8 ml	0.6 – 1.5 ml

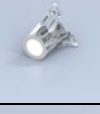
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1:1 original cellQART® Cell Culture Insert dimensions

Ordering information

	Picture	Quantity per Well Plate	Growth area	Membrane optics	Pore size	Pore density per cm ²	Item number	Quantity per box
6-Well Insert PET		6 pcs.	4.5 cm ²	 Translucent	0.4 μm	100 × 10 ⁶	930 04 02	48 pcs.
	1.0 μm				2 × 10 ⁶	930 10 02		
	3.0 μm				2 × 10 ⁶	930 30 02		
	5.0 μm				0.6 × 10 ⁶	930 50 02		
	8.0 μm				0.2 × 10 ⁶	930 80 02		
				 Clear	0.4 μm	2 × 10 ⁶	930 04 12	
	1.0 μm				2 × 10 ⁶	930 10 12		
	3.0 μm				0.6 × 10 ⁶	930 30 12		
	5.0 μm				0.6 × 10 ⁶	930 50 12		
	8.0 μm				0.1 × 10 ⁶	930 80 12		
12-Well Insert PET		12 pcs.	1.1 cm ²	 Translucent	0.4 μm	100 × 10 ⁶	931 04 02	48 pcs.
	1.0 μm				2 × 10 ⁶	931 10 02		
	3.0 μm				2 × 10 ⁶	931 30 02		
	5.0 μm				0.6 × 10 ⁶	931 50 02		
	8.0 μm				0.2 × 10 ⁶	931 80 02		
				 Clear	0.4 μm	2 × 10 ⁶	931 04 12	
	1.0 μm				2 × 10 ⁶	931 10 12		
	3.0 μm				0.6 × 10 ⁶	931 30 12		
	5.0 μm				0.6 × 10 ⁶	931 50 12		
	8.0 μm				0.1 × 10 ⁶	931 80 12		
24-Well Insert PET		24 pcs.	0.3 cm ²	 Translucent	0.4 μm	100 × 10 ⁶	932 04 02	48 pcs.
	1.0 μm				2 × 10 ⁶	932 10 02		
	3.0 μm				2 × 10 ⁶	932 30 02		
	5.0 μm				0.6 × 10 ⁶	932 50 02		
	8.0 μm				0.2 × 10 ⁶	932 80 02		
				 Clear	0.4 μm	2 × 10 ⁶	932 04 12	
	1.0 μm				2 × 10 ⁶	932 10 12		
	3.0 μm				0.6 × 10 ⁶	932 30 12		
	5.0 μm				0.6 × 10 ⁶	932 50 12		
	8.0 μm				0.1 × 10 ⁶	932 80 12		

Customizations (especially alternative membranes, e.g. black colored or further pore sizes) upon request.

Materials	
Membrane component:	Polyester (PET)
Plastic component:	Polystyrene (PS)



TC treated



Gamma sterilized