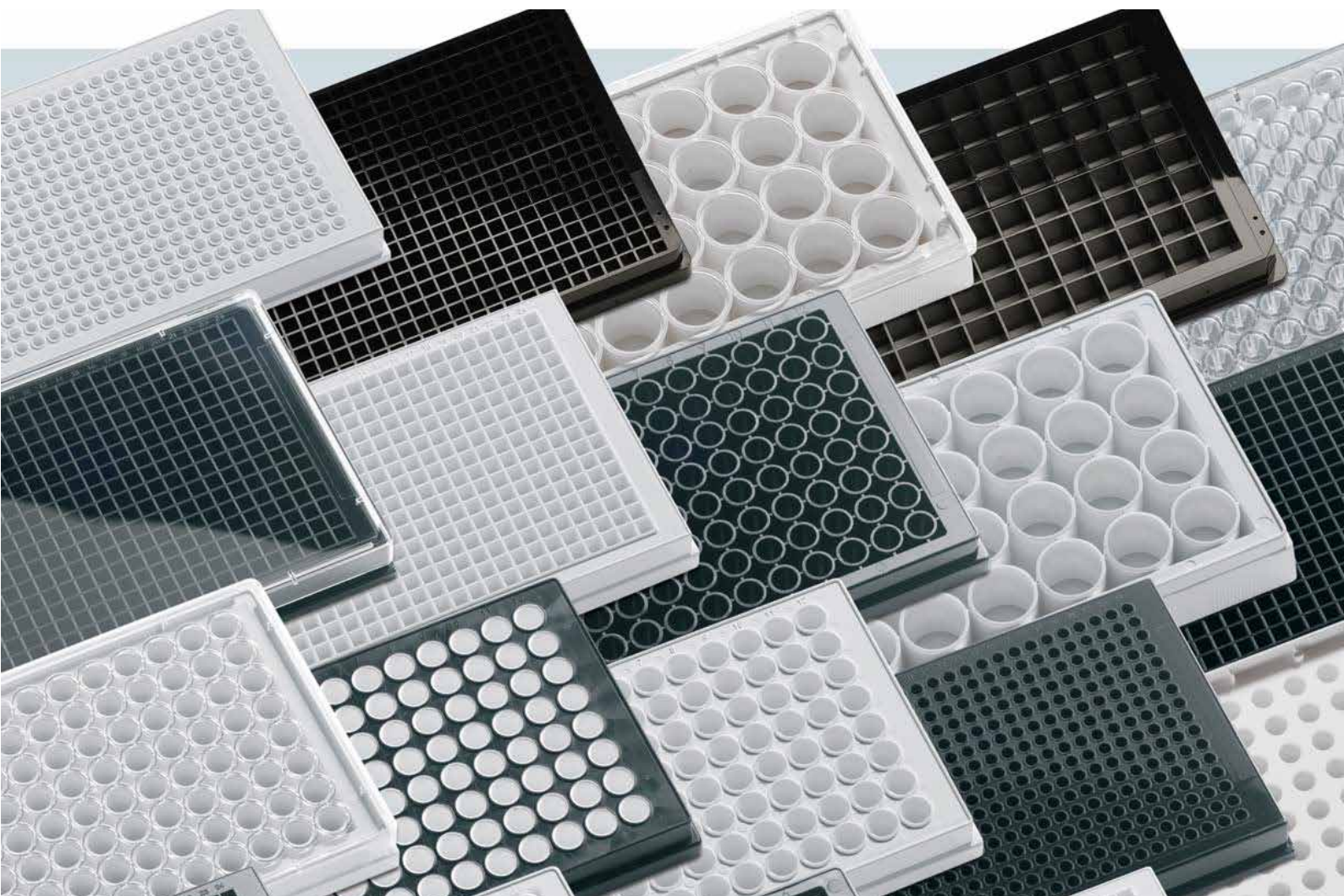


Assay Plates



Assay Plates

- 측정 값의 간섭을 최소화한 porvair사 특허의 Krystal series plate
- 흡광, 형광, 발광 및 이미징 측정 등 목적에 따라 plate 선택



투명한 플라스틱 재질 :

**가시 광선 파장 범위
(350 ~ 900 nm)
측정에 적합**

UV 투과 재질, 즉 석영 또는
Cyclo-Olefin Copolymer
(COP/COC)와 같은 플라스틱 재질 :

**UV 파장 범위
(220 ~ 350 nm) 측정에 적합**

Glass 재질 :

**가시 광선 파장대의
공초점 현미경 측정에 적합**

Plate 선택 가이드

	Top Reading	Bottom Reading
흡광	Clear plate	Normal visualization : Clear plastic bottom white plate Confocal visualization : Glass bottom white plate For very sensitive assays : Zero crosstalk clear bottom white plate
형광	Black plate	가시 광선 파장 (350 ~ 900 nm) : Clear bottom black plate UV 파장 (220 ~ 350 nm) : Glass/Clear bottom black COP plate Low signal : Zero crosstalk clear bottom black plate (S/N ratio 증가) Confocal 또는 이미징 : Glass bottom black plate
발광	White plate * Poor signal : Black with white well	Clear bottom white plate

96-well Clear Plates

- 고품질의 Crystal polystyrene으로 제조
- Flat, V, U-bottom 제공
- 제품에 따라 10 ~ 350 µl/well 적용
- 자동화 장비와 호환



Plate 선택 가이드

Cat. No.	Description	Lidded	Sterile	DNA/RNA Free	Qty/Pack
500268	96-well 350 uL Polystyrene, Clear F Bottom, Chimney well	-	-	●	100
500269	96-well 350 uL Polystyrene, Clear F Bottom, Tissue Culture Treated, With Lid. Individually packed.	●	●	●	50
208004	96-well Polystyrene, Clear, F Bottom 350 uL	-	-	-	100
208104	96-well Polystyrene, Clear, F Bottom 350 uL Individually packed	-	●	-	100 x 1
209004	96-well Polystyrene, Clear, U Bottom 270 uL	-	-	-	100
209104	96-well Polystyrene, Clear, U Bottom 270 uL, Individually packed	-	●	-	100 x 1
210004	96-well Polystyrene, Clear, V Bottom 200 uL	-	-	-	100
210104	96-well Polystyrene, Clear, V Bottom 200uL, Individually packed	-	●	-	100 x 1
229125	Polystyrene clear lid for all 96-well ANSI/SLAS standard plates	-	-	-	100
229225	Polystyrene clear lid for all 96-well ANSI/SLAS standard plates -STERILE BULK PACKED	-	●	-	100

96-well Black, White & Black with White Wells

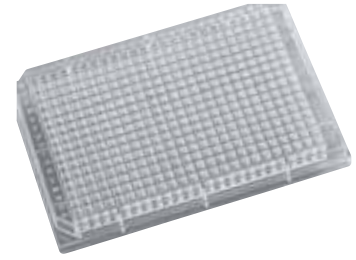
- Black plate : 빛의 산란 최소화하여 낮은 background 형광 측정
- White plate : 발광 측정에 최적
- 더 좋은 결과 제공을 위해 고품택 처리
- False positive 방지를 위해 Black frame에 White well plate 특별 제작
- 최대 350 µl/well
- 표준 ANSI/SLAS 기준에 따라 제조



Plate 선택 가이드

Cat. No.	Description	Lidded	Sterile	DNA/RNA Free	Qty/Pack
204003	96-well 350 uL Polystyrene, White	-	-	●	100
204512	96-well 350 uL Polystyrene, White, Tissue Culture Treated, With Lid. Individually packed	●	●	●	50
204012	96-well 350 uL Polystyrene, White, Tissue Culture Treated, With Lid. Individually packed	●	●	●	100
205503	96-well 350 uL Polystyrene, Black	-	-	●	50
205003	96-well 350 uL Polystyrene, Black	●	●	●	100
205512	96-well 350 uL Polystyrene, Black, Tissue Culture Treated, With Lid. Individually packed	●	●	●	50
205012	96-well 350 uL Polystyrene, Black, Tissue Culture Treated, With Lid. Individually packed	-	-	●	100
301004	96-well 350 uL Black with White wells	-	-	●	100

384 Square-well Plates



- Black plate : 빛의 산란 최소화하여 낮은 background 형광 측정
- White plate : 발광 측정에 최적
- 최대 120 µl/well, 표준 ANSI/SLAS 기준에 따라 제조

Plate 선택 가이드

Cat. No.	Description	Lidded	Sterile	DNA/RNA Free	Qty/Pack
221003	384-well 120 uL Polystyrene, Clear	-	-	●	100
221509	384-well 120 uL Polystyrene, Clear, Tissue Culture Treated, With Lid. Individually packed	●	●	●	50
221009	384-well 120 uL Polystyrene, Clear, Tissue Culture Treated, With Lid. Individually packed	●	●	●	100
222503	384-well 120 uL Polystyrene, White	-	-	●	50
222003	384-well 120 uL Polystyrene, White	-	-	●	100
222509	384-well 120 uL Polystyrene, White, Tissue Culture Treated, With Lid. Individually packed	●	●	●	50
222009	384-well 120 uL Polystyrene, White, Tissue Culture Treated, With Lid. Individually packed	●	●	●	100
223503	384-well 120 uL Polystyrene, Black	-	-	●	50
223003	384-well 120 uL Polystyrene, Black	-	-	●	100
223509	384-well 120 uL Polystyrene, Black, Tissue Culture Treated, With Lid. Individually packed	●	●	●	50
223009	384-well 120 uL Polystyrene, Black, Tissue Culture Treated, With Lid. Individually packed	●	●	●	100

24/96/384-well Krystal™ Black & White

- Ultra-pure polystyrene 재질로 cell culture 최적화
- Well-to-well 간섭효과 최소화 설계
- Clear bottom [두께 0.75 mm (24-/96-well), 0.40 mm(384-well)] 디자인으로, 현미경 관찰 가능
- 3.1 ml/well (24-well), 350 µl/well (96-well), 120 µl/well (384-well)



Plate 선택 가이드

Cat. No.	Description	Lidded	Sterile	DNA/RNA Free	Qty/Pack
303002	24-well clear bottom PS microplate White	-	-	●	68
303006	24-well clear bottom PS microplate White, Tissue Culture Treated. With Lid. Individually packed	●	●	●	56
303008	24-well clear bottom PS microplate Black	-	-	●	68
303012	24-well clear bottom PS microplate Black, Tissue Culture Treated. With Lid. Individually packed	●	●	●	56
214003	96 well 350uL White Clear Bottom	-	-	●	100
214006	96 well 350uL White, Clear Bottom Tissue Culture Treated. With Lid. Individually packed	●	●	●	100
215003	96 well 350uL Black Clear Bottom	-	-	●	100
215006	96 well 350uL Black, Clear Bottom Tissue Culture Treated. With Lid. Individually packed	●	●	●	100
311001	384-well clear bottom microplate White	-	-	●	100
311003	384-well clear bottom microplate. White, T/C Treated. With Lid. Individually packed	●	●	●	100
312001	384-well clear bottom microplate Black	-	-	●	100
312003	384-well clear bottom microplate Black, T/C Treated. With Lid. Individually packed	●	●	●	100

96-well Krystal™ 2000 Black & White

- Ultra-pure polystyrene 재질로 cell culture 최적화
- Well-to-well 간섭효과 최소화하기 위해 측면 높이 낮게 설계
- Clear bottom 디자인으로, 현미경 관찰 가능
- 350 µl/well
- 표준 ANSI/SLAS 기준에 따라 제조



Plate 선택 가이드

Cat. No.	Description	Lidded	Sterile	DNA/RNA Free	Qty/Pack
301010	96-well 350 uL White	-	-	●	100
301512	96-well 350 uL White, Tissue Culture Treated. With Lid. Individually packed	●	●	●	50
301012	96-well 350 uL White, Tissue Culture Treated. With Lid. Individually packed	●	●	●	100
301002	96-well 350 uL Black	-	-	●	100
301506	96-well 350 uL Black, Tissue Culture Treated. With Lid. Individually packed	●	●	●	50
301006	96-well 350 uL Black, Tissue Culture Treated. With Lid. Individually packed	●	●	●	100

Krystal™ Glass Bottom Plates

- 175 µm 두께 (±30 µm flatness)
- 335 nm UV 광학 차단
- 매우 낮은 autofluorescence
- 생체적합성 접착제
- Alcohol, DMSO, PBS에 대한 내성
- 자동화 장비에 적합
- 표준 ANSI/SLAS 기준에 따라 제조



Plate 선택 가이드

Cat. No.	Description	Lidded	Sterile	DNA/RNA Free	Qty/Pack
324041	24-well Black. With Lid Individually packed	●	-	●	10
324042	24-well Black. With Lid Individually packed. Sterile	●	●	●	10
324051	24-well White. With Lid Individually packed	●	-	●	10
324052	24-well White. With Lid Individually packed. Sterile	●	●	●	10
324001	96-well Black. With Lid Individually packed	●	-	●	10
324002	96-well Black. With Lid Individually packed. Sterile	●	●	●	10
324011	96-well White. With Lid Individually packed	●	-	●	10
324012	96-well White. With Lid Individually packed. Sterile	●	●	●	10
324021	384-well Black. With Lid Individually packed	●	-	●	10
324022	384-well Black. With Lid Individually packed. Sterile	●	●	●	10
324031	384-well White. With Lid Individually packed	●	-	●	10
324032	384-well White. With Lid Individually packed. Sterile	●	●	●	10

Krystal Microplates

- Standard well layout
- 매우 낮은 autofluorescence
- 대부분의 용매에 높은 내화학성
- 자동화 장비에 적합
- 표준 ANSI/SLAS 기준에 따라 제조



Plate 선택 가이드

Cat. No.	Description	Qty/Pack	비고
327001	384-well Cyclo-Olefin Polymer (COP) black clear bottomed plate square wells, 200nm far UV cut-off, 220 ~ 850 nm	32	UV clear bottom
325051	96-well Krystal quartz-bottomed plate, 200 ~ 900 nm	50	Opaque Black UV-Quartz Bottom Microplates 1 mm thick fused quartz >85%T
325011	96-well Krystal quartz-bottomed plate, 200 ~ 900 nm	10	-
325001	96-well Krystal quartz-bottomed plate, 200 ~ 900 nm	1	-
325052	384-well Krystal quartz-bottomed plate, 200 ~ 900 nm	50	-
325012	384-well Krystal quartz-bottomed plate, 200 ~ 900 nm	10	-
325002	384-well Krystal quartz-bottomed plate, 200 ~ 900 nm	1	-
500222	Solid quartz 96-well plate clear with clear base, transmission range 190 ~ 900 nm autoclavable, re-useable in protective storage case	1	UV SOLID QUARTZ chemically-resistant imaging plates

Microplate Reader for The Best Performance



PHERAstAr FSX

The gold standard for HTS



CLARIOstar Plus

The most sensitive monochromator-based reader



VANTAstAr

Microplate reading, made easy



Omega Series

Filter-based reader platform



SPECTROstar® Nano

Ultra-fast UV/Vis spectrometer