

PATH®

Protein Microarray Slides

GRACE
BIO-LABS™

Non-Porous Nitrocellulose
Film Slides Designed For
High Capacity Protein
Microarrays

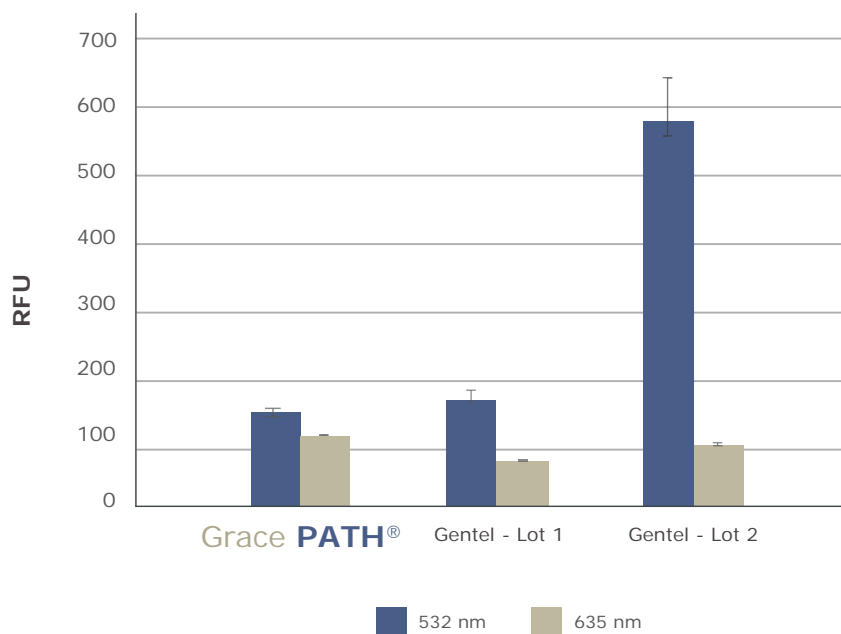


GRACE BIO MANUFACTURED PATH® SLIDES HAVE
FLUORESCENT BACKGROUNDS THAT ARE UP TO 6 TIMES
LOWER THAN GENTEL MANUFACTURED SLIDES

LOW AND CONSISTENT
FLUORESCENT BACKGROUNDS

HIGHER PROTEIN BINDING

SUPERIOR SIGNAL-TO-NOISE

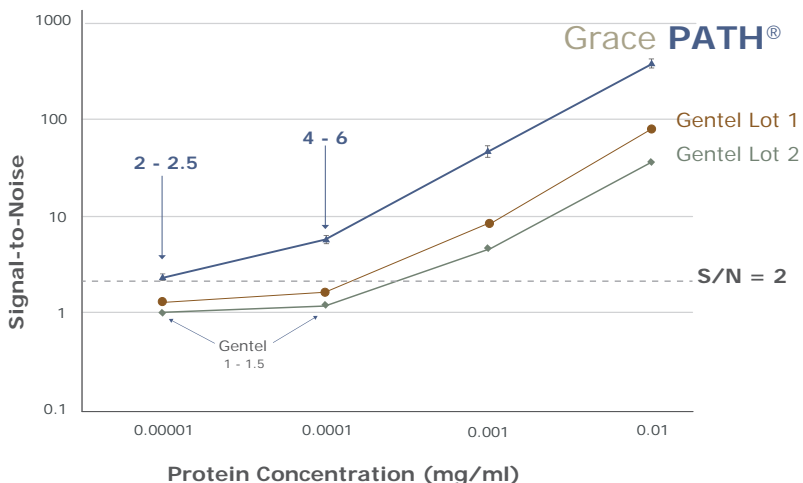


Grace PATH® FLUORESCENT BACKGROUNDS
ARE LOW AND CONSISTENT

- Intra-Slide CVs: < 2%
- Inter-Lot CV (17 Lots): 2.6%

- 532 nm and 635 nm data obtained at 33% laser power, 900 PMT
- N = 3 for all slide types
- Grace PATH® lot-to-lot comparisons, 17 Lots produced over 9 months in 2010, N = 5-6 per Lot

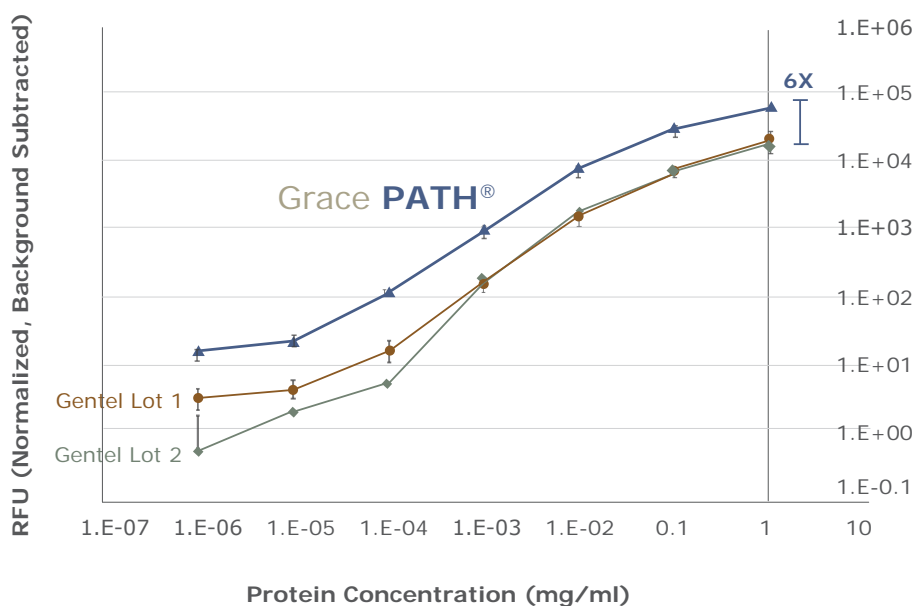
SIGNAL-TO-NOISE FOR Grace PATH[®] SLIDES SUPERIOR TO GENTEL PATH[®]



	Spot Diameter	S/N
Grace PATH [®]	190 μm	360
Gentel Lot 1	160 μm	77
Gentel Lot 2	160 μm	35

- All slides spotted, processed, and scanned in parallel
- Spotting Concentration 10 ug/ml Cy3-IgG
- 532 nm data obtained at 33% laser power, 900 PMT
- GenePix Brightness / Contrast: 60 / 50

PROTEIN BINDING FOR Grace PATH[®] IS THE HIGHEST



- Grace PATH[®] dynamic range is 4 to 5 orders of magnitude
- Grace PATH[®] dynamic range is linear over 3 orders of magnitude ($R^2 = 0.999$)

N = 3 Gentel Slides per lot, N = 3 Grace PATH[®] Slides,
532 nm data obtained at 33% laser power; 700, 900 PMT

For more information
please visit www.gracebio.com
call us at 1800-813-7339
or email us at service@gracebio.com