

HybriWell™ 8-Pack Assortment:

A Selection of Reaction Chambers that Every Lab Should Have on Hand

Conserve precious samples and reagents by selecting the optimal area and volume for your application and create a secure seal to eliminate evaporation. HybriWells are easy-to-use enclosures for use on a variety of smooth surfaces. Disposable chamber removes cleanly and easily, even after heating. HybriWell™ seals are heat stable to 97° C, and are resistant to aqueous buffers and detergents. Made of nuclease-free, hydrophobic material the HybriWell will not trap or bind probes and is completely compatible with biological samples.

Application includes:

- In situ hybridization
- Microarrays
- Immunocytochemistry
- DNA Amplification
- Neurophysiology
- Reaction kinetics
- Rapid microfluidic prototyping
- Nucleic Acid Programmable Protein Arrays

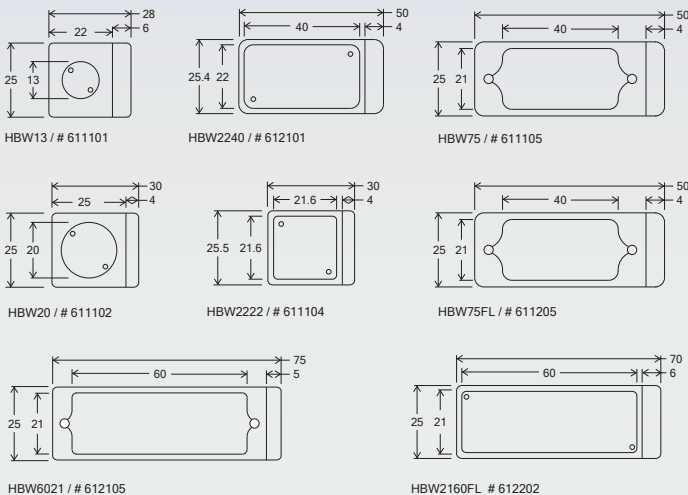


The 8-Pack Assortment gives you the most popular HybriWell™ sizes at your fingertips, and will prepare you for a wide range of sample sizes and applications.

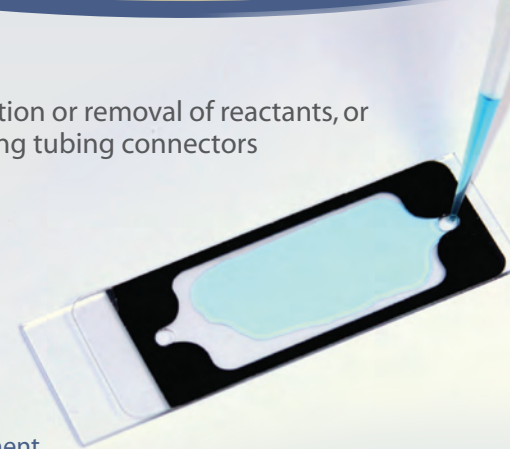
Assortment contains 10 each of the following:

Item	thickness (mm)	dimension (mm)	volume (ul)
611101	0.15	13 diam.	18
611102	0.15	20 diam.	30
611104	0.15	21.6 x 21.6	30-50
611105	0.15	21 x 40	50-100
611205	0.12	21 x 40	50-100
612105	0.15	21 x 60	275-320
612101	0.25	22 x 40	180-200
612202	0.25	22 x 60	280-330

Seal tabs included for all HybriWells™.



Sealable ports allow addition or removal of reactants, or continuous perfusion using tubing connectors (item # 460003, 20pk).



Ordering Information:

Item number: 615101
HybriWell™ 8-pack Assortment

References:

Microarray

Stralis-Pavese N, Abell GCJ, Sessitech A, Bodrossy L, 2011. Analysis of methanotrop community composition using a pmoA-based microbial diagnostic microarray. *Nature Protocols* 6:609-624.

Yu W-H, Hovik H, Olsen I, Chen T, 2011. Strand-specific transcriptome profiling with directly labeled RNA on genomic tiling microarrays, *BMC Molecular Biology*, 12:3.

Nucleic Acid Protein Programmable Arrays (NAPPA)

Qui J, LaBaer J, 2011. Nucleic acid programmable protein array –a just-in-time multiplexed protein expression and purification platform. *Methods in Enzymology* 500:151-163.

Link AJ, LaBaer J, 2008. Construction of Nucleic Acid Programmable Protein Arrays (NAPPA 5: Expressing Proteins on NAPPA Slides. *Cold Spring Harbor Protocols*, 2008.

Reaction Kinetics

Khoury C, Mensing GA, Beebe DJ. 2001. Ultra rapid prototyping of microfluidic systems using liquid phase photopolymerization. *Lab Chip. The Royal Society of Chemistry.* 2: 50-55.

Sasakura Y, Nogami M, Kobayashi N, Kanda K. 2007. Vibratory Reaction Unit for the Rapid Analysis of Proteins and Glycochains. *Analytical Chemistry Insights.* 2: 69-74.

Schwartz JJ, Quake SR. 2009. Single molecule measurement of the “speed limit” of DNA polymerase. *PNAS* 106(48): 20294-9.

Neurophysiology

Pearce TM, Wilson JA, Oakes SG, Chiu S-Y, Williams JC. 2005. Integrated microelectrode array and microfluidics for temperature clamp of sensory neurons in culture. *Lab Chip. The Royal Society of Chemistry.* 5:97-101.

In situ hybridization

Anderson KD, Merhege MA, Morin M, Bolognani F, Perrone-Bizzozero NI. 2003. Increased expression and localization of the RNA-binding protein HuD and GAP-43 mRNA to cytoplasmic granules in DRG neurons during nerve regeneration. *Exp. Neurology* 183: 100-8.

De Chalde M, et al. 2003. Quantitative Assessment of Transcriptome Differences Between Brain Territories. *Genome Research* 13(7): 1646-1653.

Immunohistochemistry

Loi PK, Tublitz NJ. 2000. Roles of Glutamate and FMR Famide-Related Peptides at the Chromatophore Neuromuscular Junction in the Cuttlefish, *Sepia officinalis*. *The Journal of Comparative Neurology.* 420:499-511.

Hu Y-H et. al, 2006. Cell array-based intracellular localization screening reveals novel functional features of human chromosome 21 proteins. *BMC Genomics* 7:155.

DNA Amplification

Tiemann-Boege I, Curtis C, Shinde DN, Goodman DB, Tavare S, Arnheim N. 2009. Product Length, Dye Choice, and Detection Chemistry in the Bead-Emulsion Amplification of Millions of Single DNA Molecules in Parallel. *Anal. Chem.* 81: 5770-6.