

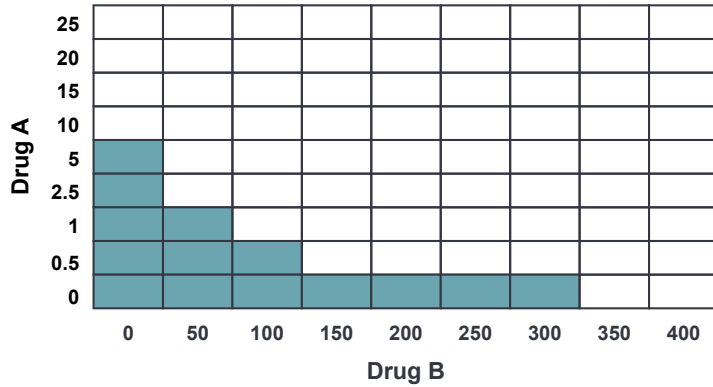


# CrownSyn™ Analysis

Visualize Two-Drug Combination Data

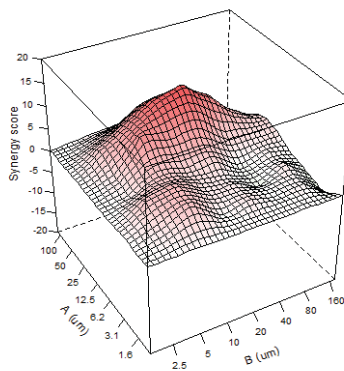
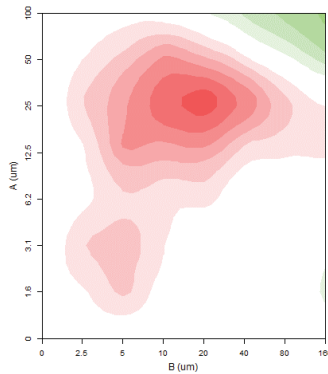
Evaluate and quantify two-drug combination effects of, synergistic, antagonistic, and additive cell-based assays with **CrownSyn** algorithm-based reports.

Use your dosing data from your existing assays or work with our experts to design a study, taking advantage of our well-validated cell lines and variety of assay options.



Analyze dosing data from two common types of drug combination experimental designs:

- **Fixed Ratio:**  
Constant concentration ratio
- **Matrix Ratio:**  
Variable concentration ratios



### Quantitative Data Visualization

- Dose-response curve graphs
- Combination index graphs
- Inhibition heat maps
- 2D contour maps
- 3D response surface plots

**Validated • Accurate • Reproducible • Robust • Reliable**

To optimize your **CrownSyn** service, use our extensive cell-based assay options to produce your dosing data, learn more at [www.crownbio.com/crownsyn](http://www.crownbio.com/crownsyn)

### Acknowledgements

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Zhao et al. Evaluation of combination chemotherapy: integration of nonlinear regression, curve shift, isobologram, and combination index analyses. Clinical Cancer Research 2004;10(23):7994-8004.

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