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BRENDAN TECHNOLOGIES

Powerful Analysis. True Results.

Biostatistical Consulting Services

... Using Brendan Expertise and STATLIA

CURVE FIT			PARALLELISM			
Identity	Fit Prob	PASS/FAIL	X2 Stat	X2 Prob	Rel Potency	PASS/FAIL
Uk-1	0.002**	FAIL	31.363**	0.0001**	0.931	FAIL
Uk-2	0.0001**	FAIL	18.316**	0.001**	1.163	FAIL

Brendan Biostatistical Consulting Services

(After Applying Test Method Characterization and Optimization Analyses
... to the Same Assay Data)

CURVE FIT			PARALLELISM			
Identity	Fit Prob	PASS/FAIL	X2 Stat	X2 Prob	Rel Potency	PASS/FAIL
Uk-1	0.364	Pass	3.096	0.542	0.939	Pass
Uk-2	0.842	Pass	2.718	0.606	1.166	Pass

- **Test Method Optimization**
- **Test Method Characterization**
- **Test Method Verification**
- **Test Method Comparisons**

STATLIA®

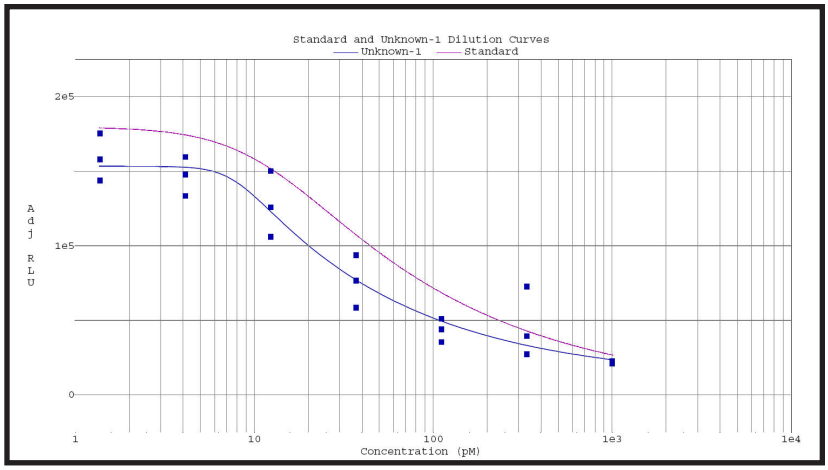
Assay Analysis Software

BRENDAN TECHNOLOGIES

Powerful Analysis. True Results.

Brendan Now Offers Biostatistical Consulting Services

As the developer of STATLIA, the most accurate and reliable software system available for immunoassay and bioassay data analysis, Brendan has established a center of expertise in assay analysis. Our biologists and mathematicians have analyzed thousands of assays from many different applications and laboratories throughout the world to enhance the different computational and statistical tools used in STATLIA. Now Brendan is making this expertise available to analyze your immunoassay and bioassay data on a per project basis through our Biostatistical Consulting Services.



Biostatistical Consulting Available for Several Project Areas

- **Test Method Optimization.**
  Analyze test method protocols by statistically evaluating the weighting, standard dilution performance and distributions, parallism and relative potency determinations, reproducibility of confidence limits, and more. Make recommendations to optimize assay performance.

- **Test Method Characterization and Acceptance Criteria.**
  Analyze performance criteria, such as limits of quantitation, residual error of standards, curve fit performance, assay precision, cutpoints, positive/negative determinations. Make assay acceptance recommendations.

- **Test Method Troubleshooting.**
  Identify and troubleshoot assay performance problems.

- **Test Method Comparisons.**
  Statistically evaluate and compare the performance of two or more test methods, including test method transfer assays.

Center of Expertise

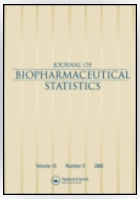
Our biologists and mathematicians have authored several manuscripts, conducted training classes for years through IBC, and given workshops and presentations at conferences and the U.S. Pharmacopeia on the subject of bioassay and immunoassay analysis.

Consulting Services for All Bioassays, Immunoassays

- **Quantitative Assays**
  (single analyte, multiplex assays)
- **Potency Assays**
  (parallelism, relative potency, and dilutional linearity)
- **Qualitative / Screening Assays**
  (immunogenicity, Nabs)

Request a Biostatistical Consulting Quote Today!

Free reprints and parallelism study presented to *U.S. Pharmacopeia* available on www.brendan.com



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