

Biochrom Anthos ADAP is a comprehensive microplate and cuvette spectrophotometer data collection and analysis package for both routine and complex scientific research

ADAP Prisma Software



Key Features

Biochrom Anthos ADAP Prisma software enables the Zenyth 200 Microplate Reader to be controlled by an external PC. It incorporates the functions of ADAP Basic/ADAP Expert

User Administration:

- Access control by user name and password for 3 different authorization levels. This gives the user the opportunity to work within FDA 21 CFR, part 11 compliance

Quick and Easy Assay Setup

- The basic module is an efficient tool for obtaining raw data for all measurement modes including endpoint, kinetic, spectral scan and position scan
- 6 different assays can be combined on one plate
- Replicate elimination removes outliers

Qualitative Analysis of Sample Data

- Up to 4 different cut off values can be used to define 5 different groups of samples

Quantitative Analysis of Sample Data

- Samples of unknown concentrations can be quantified by use of a standard curve.
- Graphs and curve fits include linear regression, point to point, cubic spline and 4 parameter fit; linear and logarithmic axis scaling as well as extrapolation options

Kinetic Data

- Choice of kinetic data reduction modes
- Reduced data from kinetic assays can be taken for further calculation and verification of test chemistry

Assay Validation:

- Assay conditions can be established to verify test chemistry

	1	2	3	4	5	6	7	8	9	10	11	12
A	2.636	0.110	2.619	3.454	2.396	3.620	0.633	1.038	2.999	1.068	0.955	2.357
B	2.138	3.309	0.024	1.981	0.250	3.492	2.206	0.276	2.836	0.612	1.630	1.407
C	1.964	1.484	2.778	3.053	0.609	2.248	0.062	3.488	1.419	0.539	1.806	0.030
D	3.570	3.456	2.864	1.692	1.301	2.429	0.489	0.067	3.778	0.139	2.094	0.552
E	1.904	0.596	3.513	2.059	1.690	3.504	2.400	3.326	1.836	2.045	1.381	3.950
F	3.116	1.200	1.596	2.273	3.222	3.733	1.240	2.248	0.669	0.962	3.745	3.406
G	1.404	3.456	2.213	2.043	3.723	0.750	0.736	1.767	3.149	1.246	3.222	1.519
H	0.863	1.388	2.257	3.191	1.347	3.258	3.318	2.976	2.836	1.708	2.879	0.567

Area and Linear Scan

- Linear scan is used to verify agglutination.
- Area scan can be used to perform precipitation/insolubility studies

Data Storage and Data Export

- All data can be stored to a database or as a text file. "Easy copy and paste" transfer of data to Excel

Stored Methods for Cuvette Assays

- Nucleic acid concentration and purity
- Oligo concentration, melting point and conversion to pmol/ μ l
- Direct protein concentration at 280nm
- Monitoring bacterial growth with preset or user defined conversion factors





Quantitation and Characterization Module

- Easy to use test editor for assay development
- Quantitation of samples of unknown concentration
- Spectral scanning with post-run manipulations of spectra (overlay of different spectra)
- Calculation with factors and constants
- Position scan and well scan editor
- Multi-wavelength equation

ELISA module

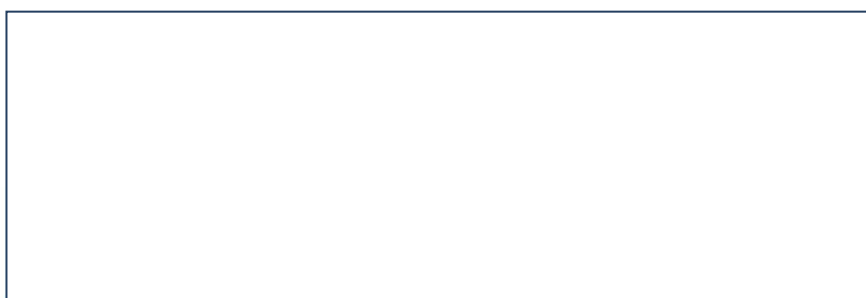
- Quantitation of samples
- Qualitative analysis
- Replicate elimination
- Assay validation
- Kinetic evaluation

PC SPECIFICATION			
RAM / Hard Drive Space	16 MB minimum / 50 MB free space	CD ROM	4x minimum
Operating System	Windows® 95, 98 (Y2K) NT4, 2000, XP	Database	Microsoft Data Access Components (MDAC) 2.6
Browser	Internet Explorer 4.01 (Service Pack 2 or later)	Serial Port	1 port (serial cable required)

ORDERING INFORMATION:	
SB035083	ADAP Prisma Software

ADAP Prisma software controls the Biochrom Anthos Zenyth 200rt microplate reader and Zenyth 200st microplate reader

Distributors Worldwide



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