

GeneBLAzer® Assay Setup Guide on the Molecular Devices FlexStation® Microplate Reader

NOTE: The Molecular Devices FlexStation® Microplate Reader was tested for compatibility with Invitrogen's GeneBLAzer® Assay in bottom-read mode. The following document is intended to demonstrate setup of this instrument. For more detailed information and technical support of Invitrogen assays please call 1-800-955-6288, select option "3", then extension 40266. For more detailed information and technical support of Molecular Devices instruments or software, please call 1-800-635-5577 or by e-mail at info@moldev.com.

A. Recommended Optics

	wavelength (nm)	diameter (mm)
Excitation	410/12	monochromator
Emission 1	458/12	monochromator
Emission 2	522/12	monochromator
Dichroic Mirror	435/495	

B. Instrument Setup

1. Open the SoftMax Pro software and click on File/New.

NOTE: Be sure to select bottom read for measurements.

Endpoint
Fluorescence
Ex Em Cutoff
Lm1 410 458 435
Lm2 410 522 495
Automix: Off
Calibrate: On
PMT: Auto
Reads/Well: 10