

EnVision™ Multilabel Plate Reader

N020-9645

5 Days

Tuition \$2,000

This course provides the attendee with the knowledge to run the system and evaluate the results. The training is hands-on, but includes some theory and introduction to the future developments of various applications. All training is done by product managers, specialists, application support, and laboratory personnel.

Prerequisites

This course should be attended soon after installation of an EnVision multilabel plate reader. When requesting installation, the user should register to ensure that a space is available. Any EnVision user who wishes to learn more about the functions of the instrument is also welcome to attend. Customers should discuss their training needs with a PKI LAS specialist before attending this course.

Lectures and Labs

- Introductory presentation
- EnVision features
- Basic information about options.
- Introduction to the instrument
- Touching the instrument
- Changing filters and mirror modules
- Showing different parts of the instrument
- Software introduction
- Going through different terms
- Going through different menus
- General introduction
- Protocol creation and optimization
- Creating example protocol
- Optimizing measurement parameters
- Measuring plate using the protocol
- Practicing (all the trainees will participate; everyone creates new protocol starting from the beginning)
- All technologies are covered (TRF, FI, FP, Abs, Luminescence)

DATES

TURKU

MAR. 15,
AUG. 16,

MAY 10,
OCT. 18

JUN. 7

VICTOR

N020-9646

5 Days

Tuition \$2000

This course provides the attendee with the knowledge to run the VICTOR and evaluate the results. Training is hands-on, but includes some theory and introduction to the future development of various applications. All training is done by product managers, specialists, application support, and laboratory personnel.

Prerequisites

This course should be attended soon after installation of the VICTOR. When requesting installation, the user should register to ensure that a space is available. Any VICTOR user who wishes to learn more about the functions of the instrument is also welcome to attend. Customers should discuss their training needs with a PKI LAS specialist before attending this course. The attendee should have a working knowledge of the instrument and its applications.

Lectures and Labs

- Introductory presentation – Victor: features and applications
- Introduction to instrument (hands-on)
- Changing filters and mirror modules
- Software introduction presentation
- Going through different terms
- Going through different menus
- General introduction
- Protocol creation and optimization
- Creating new protocol from the beginning
- Optimizing measurement parameters
- Measuring plate using the protocol
- Practical sessions
- All trainees will participate
- All technologies are covered (TRF, FI, FP, Abs, Luminescence)

DATES

TURKU

MAR. 15,
AUG. 16,

MAY 10,
OCT. 18

JUN. 7

MicroBeta®

N020-9647

5 Days

Tuition \$2000

This course provides the attendee with the knowledge to run the MicroBeta and evaluate the results. Training is hands-on, but includes some theory and introduction to the future development of various applications. All training is done by product managers, specialists, application support, and laboratory personnel.

Prerequisites

This course should be attended soon after installation of a MicroBeta instrument. When requesting installation, the user should register to ensure that a space is available. Any MicroBeta user who wishes to learn more about the functions of the instrument is also welcome to attend. Customers should discuss their training needs with a PKI LAS specialist before attending this course. The attendee should have a working knowledge of the instrument and its applications.

Lectures and Labs

- Basic principles of liquid scintillation counting
 - The scintillation process
 - Detector design
 - Normalization on MicroBeta
 - Quench and quench correction
- Standardization on MicroBeta
 - Dual label counting
- Crosstalk
 - Types of crosstalk
 - Typical crosstalk examples
- Liquid scintillation counting in MicroBeta
 - Scintillation cocktail
 - Microplates
 - Tubes
- Filtermats
 - Filter plates
 - ScintiPlate
 - Tissue culture plates
- Luminescence counting
 - Detector and reagent injector design
 - Isoplate options
 - Scintillation proximity assay
 - ParaLux count mode
- Practical sessions
 - Tritium normalization
 - Luminescence normalization
 - C-14 standardization
 - Filtermat with MeltiLex
 - ScintiPlate and FlashPlate measurement

DATES

TURKU

MAR. 15,
AUG. 16,

MAY 10,
OCT. 18

JUN. 7

ViewLux™

N020-9643

5 Days

Tuition \$2000

This course provides the attendee with the knowledge to run the ViewLux and evaluate the results. Training is hands-on, but includes some theory and introduction to the future development of various applications. All training is done by product managers, specialists, application support, and laboratory personnel.

Prerequisites

This course should be attended soon after installation of a ViewLux. When requesting installation, the user should register to ensure that a space is available. Any ViewLux user who wishes to learn more about the functions of the instrument is also welcome to attend. Customers should discuss their training needs with a PKI LAS specialist before attending this course. The attendee should have a working knowledge of the instrument and its applications.

Lectures and Labs

- Presentation of ViewLux
- Introduction to the CCD detection technology
- Inside the instrument
- Types of light paths for each technology
- Binning, readout speed, gain
- Different settings for different technologies
- Short introduction to the instrument (how to change the filters, which components are by the instrument)
- Introduction to the software (how to prepare protocols, grid definition, flatfield calibration, blank calibration, sample measurement)
- Fluorescence intensity: FITC measurement
- TRF: Europium or LANCE samples
- Luminescence: e.g., ATP Light kit
- Fluorescence polarization: FITC samples
- Absorbance: Tartrazine samples
- Customer samples

DATES

TURKU

MAR. 22,
AUG. 23,

MAY 24,
NOV. 8

JUN. 14