CELLAVISION

CellaVision® Body Fluid Application

The CellaVision Body Fluid Application enables laboratories to automate, standardize and simplify morphological examination of body fluid preparations.

The application supports:
- **WBC Differential;** by delivering a comprehensive pre-classification into 5 cell types

When implemented together with CellaVision analyzers and supporting software, the CellaVision Body Fluid Application speeds up and simplifies the review process while delivering more standardized results.

How does it work?

- The software extracts cell features from digital images and delivers a pre-classification of cells using innovative Artificial Neural Network technology
- The pre-classification is then reviewed and verified by a Medical Technologist

Why CellaVision Body Fluid Application?

The CellaVision Body Fluid Application offers an easier way to examine and review body fluid preparations:
- Automated pre-classification speeds up the review process
- Standardized operational procedure and validation process promotes consistency
- Innovative functionalities and integrated tools promote analysis accuracy

Features:

- Digitize the entire sample area and tag regions of interest
- View cell classes side-by-side, or all cells in a full screen view
- Adjust magnification of cell images
- Add your own reference cells to create a reference library
- Tag or add comments to any slide, cell class, or specific cell
- Share slides and cell images with colleagues for collaboration and consultation
- Export and email cell images for consultation, validation or presentation
- When re-classification is needed, cells are easily dragged and dropped into the appropriate cell category
- Archive cell images as part of the patient's image / medical history

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TECHNICAL SPECIFICATIONS

SLIDE PREPARATION METHODS
- Standard cytocentrifuge preparation
- Default settings for Shandon™/Wescor™/Statspin™

STAINS

Romanowsky stains (May Grünwald Giemsa, Wright Giemsa, Wright)

RESULT PARAMETERS
- WBC pre-classification: Neutrophils, Eosinophils, Lymphocytes, Macrophages (including Monocytes), Other (Basophils, Lymphoma cells, Atypical lymphocytes, Blasts and Tumor cells) and Unidentified
- Non WBC pre-classification: Smudge cells and Artefacts
- User has the ability to add additional cell categories for manual re-classification

ANALYZERS
- CellaVision® DM96
- CellaVision® DM1200
- CellaVision® DM9600

Specifications are subject to change without notice. This product may not be available in all markets.