

Digital Cell Morphology by 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.

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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

FOR A MORE DETAILED PRESENTATION, PLEASE VISIT WWW.CELLAVISION.COM/PRODUCTS

TECHNICAL SPECIFICATIONS:

SLIDE PREPARATION METHODS

- Standard cytocentrifuge preparation
- Default settings for Shandon™/Wescor™/Stat-spin™

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