

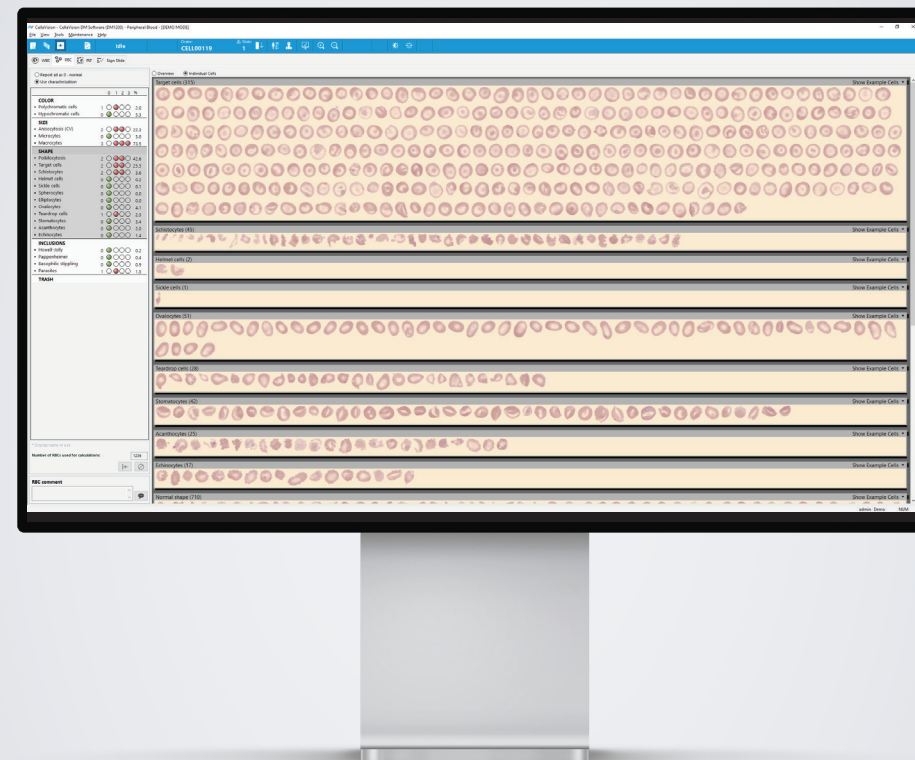
CellaVision® Advanced RBC Application

CellaVision Advanced RBC Application acts as a complement to CellaVision Peripheral Blood Application – enabling labs to perform a more comprehensive review of RBCs as part of the morphological examination of peripheral blood smears.

The application supports:

- **RBC Differential**; by delivering a comprehensive pre-characterization based on 21 morphological characteristics

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



Features

Easy to switch views
to enable single cell filtering and grouping

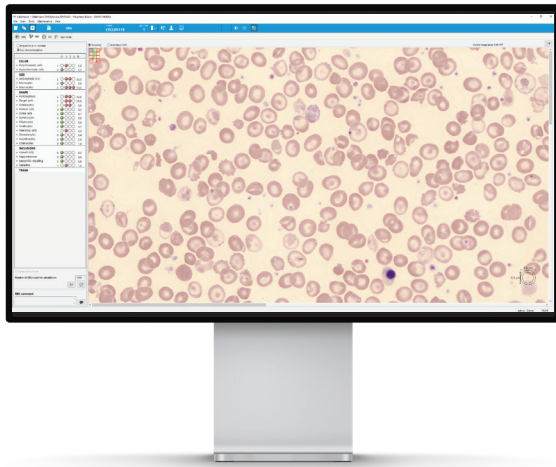
Adjust magnification
of cell images

Compare cells with example cell images
from a built-in image library

Tag or add comments
to any slide

Share slides and cell images
with colleagues for collaboration and consultation

Change grading manually
if re-characterization is needed

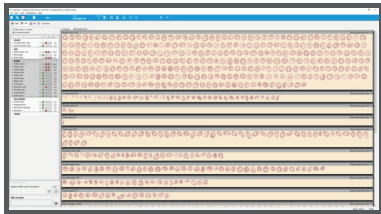


How does it work?

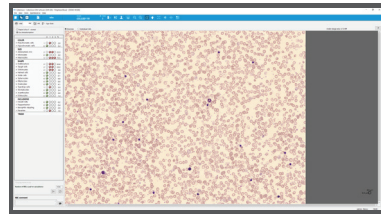
- The software extracts cell features from digital images and delivers a pre-characterization of RBCs using innovative AI technology
- The pre-characterization is then reviewed and verified by a Medical Technologist

Why CellaVision Advanced RBC Application?

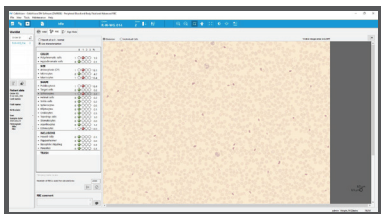
- CellaVision Advanced RBC Application offers a completely new way to review erythrocyte morphology



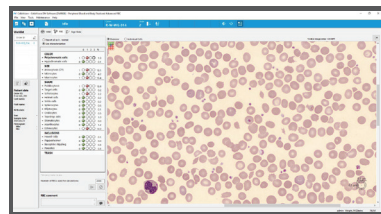
View cells grouped by shape, size, color, and inclusion characteristics



Or view cells in a high resolution image, including all the cells ...



... or highlighting just one selected cell morphology ...



... or by grid view

CellaVision® Advanced RBC Application

Technical Specifications

SLIDE PREPARATION METHODS (WEDGED)

- Automated slide maker and stainers
- HemaPrep® automated blood smearing device
- Manual smears
- RAL SmearBox
- RAL StainBox and RAL Stainer

STAINS

- Romanowsky stains
- May Grünwald Giemsa
 - Wright Giemsa
 - Wright
 - RAL MCDh

RESULT PARAMETERS

- RBC pre-characterization: Automated pre-characterization of Polychromatic cells, Hypochromatic cells, Anisocytosis, Microcytes, Macrocytes, Poikilocytosis, Target cells, Schistocytes, Helmet cells, Sickle cells, Spherocytes, Elliptocytes, Ovalocytes, Tear drop cells, Stomatocytes, Acanthocytes, Echinocytes, Howell-Jolly bodies, Pappenheimer bodies, Basophilic stippling and Parasites
- User has the ability to add additional cell categories for manual re-classification

ANALYZERS

- CellaVision® DM1200
- CellaVision® DM9600

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