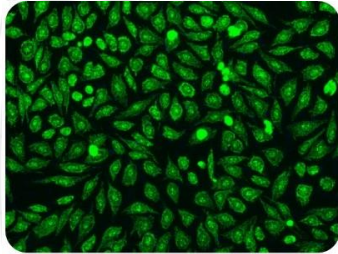


AESKUSLIDES® IFA TEST KITS

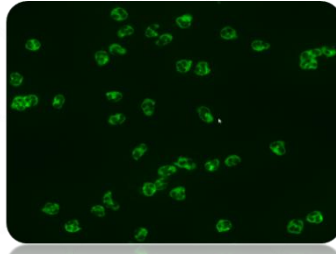
ANA HEp-2



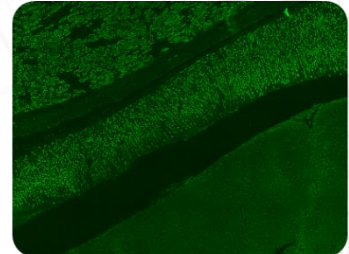
nDNA

ANCA

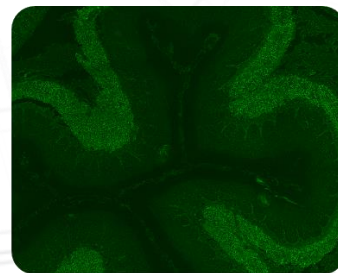
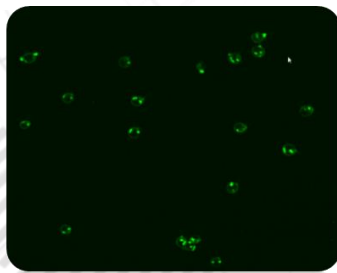
(ethanol/formol)



Triple Substrat



EmA



ANA

N31-51.100	ANA HEp-2 Aeskulides Kit	10*12 wells
N31-51.100bulk	ANA HEp-2 Aeskulides Kit	50*12 wells

DNA

N31-53.100	C. Luciliae (nDNA) Aeskulides Kit	10*10 wells
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ANCA

N31-54.050	Anca Ethanol Aeskulides Kit	10*6 wells
N31-54.100	Anca Ethanol Aeskulides Kit	10*12 wells
N31-54.051	Anca Formalin Aeskulides Kit	10*6 wells
N31-54.101	Anca Formalin Aeskulides Kit	10*12 wells

Rat LKS

N31-517.050	Rat LKS (L/K Wrapped In Stomach) Aeskulides Kit	10*5 wells
N31-517.101	Rat LKS (L/K Wrapped In Stomach) Aeskulides Kit	10*10 wells
N31-517.051	Rat LKS (Separated Tissue Sections) Aeskulides Kit	10*5 wells
N31-517.100	Rat LKS (Separated Tissue Sections) Aeskulides Kit	10*10 wells

Mouse LKS

N31-518.100	Mouse LKS (Separated Tissue Sections) Aeskulides Kit	10*10 wells
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EmA

N31-512.050	EMA IgA Aeskulides Kit	10*5 wells
N31-512.100	EMA IgA Aeskulides Kit	10*10 wells
N31-512.060	EMA IgG Aeskulides Kit	10*5 wells
N31-512.101	EMA IgG Aeskulides Kit	10*10 wells

HELIOS[®] SYSTEM PERFORMANCE

Capacity and Processing

# slides	Up to 20
# samples	Up to 190 (variety of sample rack with 12-15mm Ø, multi-rack 11-13 mm Ø, height up to 100mm)
# controls	Up to 8 vials (10mm Ø)
# reagents	Up to 4 vials (25mm Ø)
# coverslips	No coverslips required
Dilution cuvettes	192 (2x 96-wells F-bottom consumable microtiter plate)
Sample dilution capacity	From 1:1 to 1:20480 (max. 2 steps)
Liquid handling (needles)	3 (sample needle, movable reagent needle, aspiration needle)
Liquid detection	Capacitive level sensor
Volumes	10-1000µl
Accuracy	Mean C _v < 3%
Slide washing	Adjustable # wash cycles
Buffers	2x 1 L bottles for washing and DI water, 1x 2L bottle for waste
Process conditions	Humidity and Temperature controlled conditions with optional HTC kit: – Heating unit for higher incubation temperature (35-37°C) – Humidity control during processing (50-60%rel.hum.predefined)

Slide Reading

Vibration	Shock absorbing feet and image stabilizer (software)
Microscope	Epi-fluorescent microscope. Excitation 480/30 nm, Fluorescence (Emission) 515 nm
Objectives	20x default (50x, 10x, 4x optional); resolution 0.5 micron per pixel at 20x
Optical source	Blue high power LED 480nm
Positioning system	3 high precision axes linear unit system for microscope movement along the slide in reading position
Camera	2.592x1.944 (5 Megapixels) RGB32 @ 15 fps; ½,5 inch optical format; pixel size H: 2,2 µm, V: 2,2 µm
Image format	PNG
Compression level	Single image mode (ANA, ANCA, etc.) : 4.5-5 MB per image → 15 MB per well (default = 3 RGB images per well) Tissue mode (LKS, EmA): 100-150 MB per well (7x7 images)
Scanning mode & speed	Cell based substrates (ANA, DNA, ANCA, Inf.Ser.): 25 sec. per well with 3 pictures Tissues (LKS, EmA): < 3 min. per well with 7x7 images 20x
Measurements	65cm (W) – 75cm (D) – 57cm (H) - 33 kg