

# AESKUSLIDES®

## THE IFA PRODUCT LINE

Simplify your routine autoimmunity sample screening with Aeskuslides®. The Immunofluorescence (IFA) product line from Aesku.DIAGNOSTICS is designed to fit in with lab automation needs.



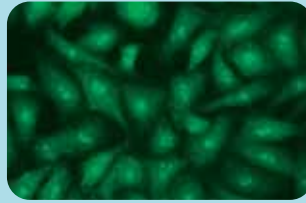
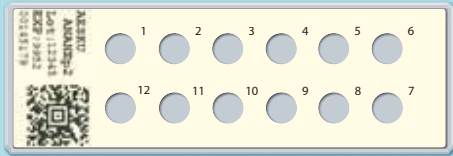
- All parameters from this product line are pre-programmed and validated for use in **HELMED®** and **HELIOS®** IFA Processors.
- The major patterns found on the **AESKUSLIDES®** are collected in the **HELPS+** software and **HELIOS®** device software image library.
- The **AESKUSLIDES®** product line comprises a complete panel of cell and tissue based slides and kits for the detection of major autoantibodies.
- Easy handling: ready to use reagents and controls with vials that fit directly in the **HELMED®** and **HELIOS®** racks.
- Full traceability: every Slide is labeled with product barcode and individual number.
- Components such as wash buffer, sample buffer or mounting medium are common amongst the entire product range.
- Vacuum sealed slides provide long shelf life.
- Especially formulated mounting medium allows its use in the **HELMED®** and **HELIOS®** IFA Processors.
- Strong hydrophobic teflon mask coating of the slides avoids cross contamination and requires minimal conjugate volumes.

Aeskuslides® available kit configurations			Conjugate		Slides				Kits			Recommended Screening Dilution			
Antibody	Substrate		IgG	IgA	5 well	6 well	10 well	12 well	50 tests	100 tests	120 tests	1:5	1:10	1:20	1:80
ANA	HEp-2		•					•			•				•
nDNA	Crithidia luciliae		•				•			•			•		
ANCA	Granulocytes	Ethanol	•		•		•				•				•
		Formalin	•		•		•				•				•
AMA / ASMA / APCA	Triple tissue LKS*	Mouse (Separated)	•		•		•		•	•					•
		Rat (Separated)	•		•		•		•	•					•
		Rat (Wrapped)	•		•		•		•	•					•
EMA	Primate Oesophagus		•	•	•	•	•	•	•			•			

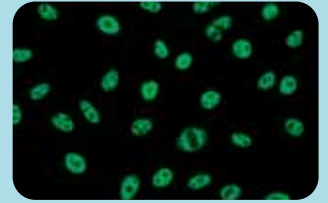
\* Double tissue KS available on request

**SUBSTRATES OVERVIEW**

**ANA HEp-2 cells**

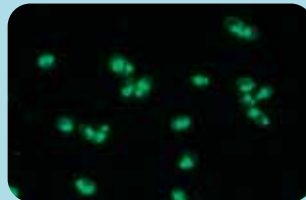
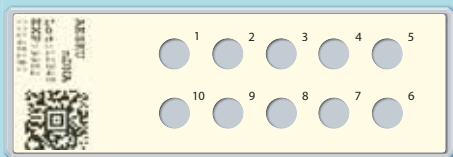


Cytoplasmic Jo-1 like

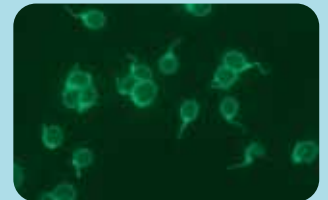


Nucleoplasm coarse speckled

**nDNA Crithidia luciliae cells**

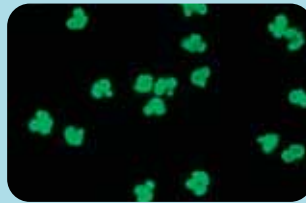
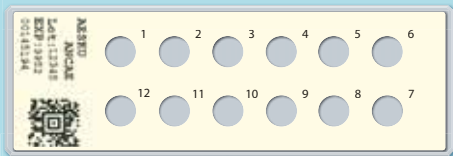


Kinetoplast positive

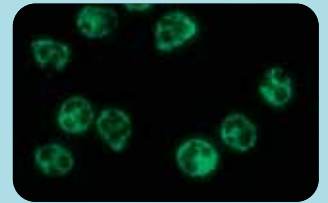


Kinetoplast negative

**ANCA Granulocytes**

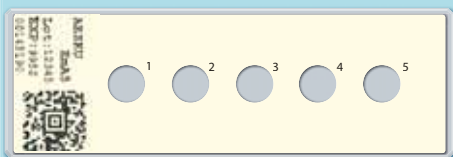


P-ANCA Ethanol

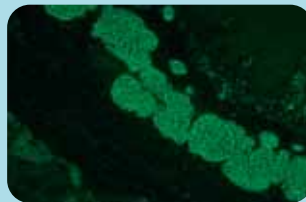


C-ANCA Formalin

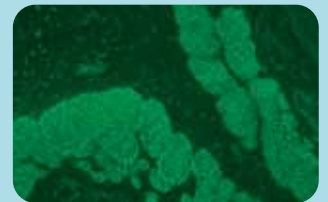
**EMA Primate Oesophagus**



Also available as 10 well slide

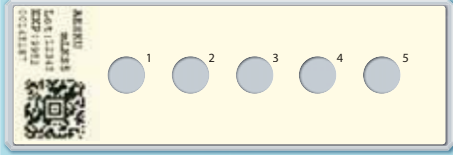


IgA Endomysium positive

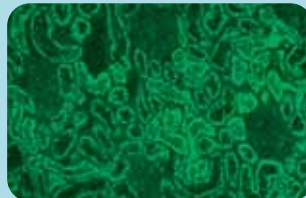


IgG Endomysium positive

**AMA/ASMA/APCA LKS (rat, mouse)**



Also available as 10 well slide  
Double tissue KS available on request



AMA like pattern on kidney



Parietal cell positive

**Triple tissues are available in two different formats:**

**Separated** - where the **liver**, **kidney** and **stomach** can be found in separated tissue sections.



**Wrapped** - where the **liver** and the **kidney** are wrapped with **stomach**.

# AESKUSLIDES® - Kits

REF 51.100

**AESKUSLIDES®**  
ANA HEp-2

**Kit Presentation:**  
10 x 12 wells  
120 tests

**Antibodies:**  
Anti-nuclear antibodies

**Substrate:**  
HEp-2 cells

**Conjugate:**  
IgG

REF 51.100.Bulk5

**AESKUSLIDES®**  
ANA HEp-2  
Bulk Kit

**Kit Presentation:**  
50 x 12 wells  
600 tests

**Antibodies:**  
Anti-nuclear antibodies

**Substrate:**  
HEp-2 cells

**Conjugate:**  
IgG

REF 51.101.Bulk5

**AESKUSLIDES®**  
ANA HEp-2  
Bulk Kit

**Kit Presentation:**  
50 x 12 wells  
600 tests  
**Conjugate:**  
IgG heavy and light  
chain (Hy chain + Ly chain)

**Antibodies:**  
Anti-nuclear antibodies

**Substrate:**  
HEp-2 cells

REF 53.100

**AESKUSLIDES®**  
nDNA (Crithidia  
luciliae)

**Kit Presentation:**  
10 x 10 wells  
100 tests

**Antibodies:**  
Anti-dsDNA antibodies

**Substrate:**  
Crithidia luciliae

**Conjugate:**  
IgG

REF 54.050

**AESKUSLIDES®**  
ANCA Ethanol

**Kit Presentation:**  
10 x 6 wells  
60 tests

**Antibodies:**  
Anti-neutrophil cytoplasmic anti-  
bodies

**Substrate:**  
Granulocytes

**Conjugate:**  
IgG

REF 54.051

**AESKUSLIDES®**  
ANCA Formalin

**Kit Presentation:**  
10 x 6 wells  
60 tests

**Antibodies:**  
Anti-neutrophil cytoplasmic anti-  
bodies

**Substrate:**  
Granulocytes

**Conjugate:**  
IgG

REF 54.100

**AESKUSLIDES®**  
ANCA Ethanol

**Kit Presentation:**  
10 x 12 wells  
120 tests

**Antibodies:**  
Anti-neutrophil cytoplasmic anti-  
bodies

**Substrate:**  
Granulocytes

**Conjugate:**  
IgG

REF 54.101

**AESKUSLIDES®**  
ANCA Formalin

**Kit Presentation:**  
10 x 12 wells  
120 tests

**Antibodies:**  
Anti-neutrophil cytoplasmic anti-  
bodies

**Substrate:**  
Granulocytes

**Conjugate:**  
IgG

REF 517.050

**AESKUSLIDES®**  
rLKS wrapped

**Kit Presentation:**  
10 x 5 wells  
50 tests

**Antibodies:**  
Anti-mitochondrial, anti-smooth  
muscle, anti- parietal cell

**Substrate:**  
Rat - (liver, kidney) wrapped in  
stomach

**Conjugate:**  
IgG

# AESKUSLIDES® - Kits

REF 517.101 REF 517.051 REF 517.100 REF 518.050 REF 518.100 REF 512.050 REF 512.100 REF 512.060 REF 512.101

<b>AESKUSLIDES®</b> rLKS wrapped	<b>Kit Presentation:</b> 10 x 10 wells 100 tests  <b>Conjugate:</b> IgG	<b>Antibodies:</b> Anti-mitochondrial, anti-smooth muscle, anti-parietal cell	<b>Substrate:</b> Rat - (liver, kidney) wrapped in stomach
<b>AESKUSLIDES®</b> rLKS separated	<b>Kit Presentation:</b> 10 x 5 wells 50 tests  <b>Conjugate:</b> IgG	<b>Antibodies:</b> Anti-mitochondrial, anti-smooth muscle, anti-parietal cell	<b>Substrate:</b> Rat - liver, kidney, stomach
<b>AESKUSLIDES®</b> rLKS separated	<b>Kit Presentation:</b> 10 x 10 wells 100 tests  <b>Conjugate:</b> IgG	<b>Antibodies:</b> Anti-mitochondrial, anti-smooth muscle, anti-parietal cell	<b>Substrate:</b> Rat - liver, kidney, stomach
<b>AESKUSLIDES®</b> mLKS separated	<b>Kit Presentation:</b> 10 x 5 wells 50 tests  <b>Conjugate:</b> IgG	<b>Antibodies:</b> Anti-mitochondrial, anti-smooth muscle, anti-parietal cell	<b>Substrate:</b> Mouse - liver, kidney, stomach
<b>AESKUSLIDES®</b> mLKS separated	<b>Kit Presentation:</b> 10 x 10 wells 100 tests  <b>Conjugate:</b> IgG	<b>Antibodies:</b> Anti-mitochondrial, anti-smooth muscle, anti-parietal cell	<b>Substrate:</b> Mouse - liver, kidney, stomach
<b>AESKUSLIDES®</b> EMA IgA	<b>Kit Presentation:</b> 10 x 5 wells 50 tests  <b>Conjugate:</b> IgA	<b>Antibodies:</b> Anti-endomysium IgA	<b>Substrate:</b> Primate Oesophagus
<b>AESKUSLIDES®</b> EMA IgA	<b>Kit Presentation:</b> 10 x 10 wells 100 tests  <b>Conjugate:</b> IgA	<b>Antibodies:</b> Anti-endomysium IgA	<b>Substrate:</b> Primate Oesophagus
<b>AESKUSLIDES®</b> EMA IgG	<b>Kit Presentation:</b> 10 x 5 wells 50 tests  <b>Conjugate:</b> IgG	<b>Antibodies:</b> Anti-endomysium IgG	<b>Substrate:</b> Primate Oesophagus
<b>AESKUSLIDES®</b> EMA IgG	<b>Kit Presentation:</b> 10 x 10 wells 100 tests  <b>Conjugate:</b> IgG	<b>Antibodies:</b> Anti-endomysium IgG	<b>Substrate:</b> Primate Oesophagus

# AESKUSLIDES® - Slides

REF S51.100	<b>AESKUSLIDES®</b> ANA HEp-2	<b>Slide Presentation:</b> 12 wells	<b>Antibodies:</b> Anti-nuclear	<b>Substrate:</b> HEp-2 cells
REF S53.100	<b>AESKUSLIDES®</b> nDNA (Crithidia luciliae)	<b>Slide Presentation:</b> 10 wells	<b>Antibodies:</b> Anti-dsDNA	<b>Substrate:</b> Crithidia luciliae
REF S54.050	<b>AESKUSLIDES®</b> ANCA Ethanol	<b>Slide Presentation:</b> 6 wells	<b>Antibodies:</b> Anti-neutrophil cytoplasmic	<b>Substrate:</b> Granulocytes
REF S54.051	<b>AESKUSLIDES®</b> ANCA Formalin	<b>Slide Presentation:</b> 6 wells	<b>Antibodies:</b> Anti-neutrophil cytoplasmic	<b>Substrate:</b> Granulocytes
REF S54.100	<b>AESKUSLIDES®</b> ANCA Ethanol	<b>Slide Presentation:</b> 12 wells	<b>Antibodies:</b> Anti-neutrophil cytoplasmic	<b>Substrate:</b> Granulocytes
REF S54.101	<b>AESKUSLIDES®</b> ANCA Formalin	<b>Slide Presentation:</b> 12 wells	<b>Antibodies:</b> Anti-neutrophil cytoplasmic	<b>Substrate:</b> Granulocytes
REF S517.050	<b>AESKUSLIDES®</b> rLKS wrapped	<b>Slide Presentation:</b> 5 wells	<b>Antibodies:</b> Anti-mitochondrial, anti-smooth muscle, anti-parietal cell	<b>Substrate:</b> Rat - (liver, kidney) wrapped in stomach
REF S517.101	<b>AESKUSLIDES®</b> rLKS wrapped	<b>Slide Presentation:</b> 10 wells	<b>Antibodies:</b> Anti-mitochondrial, anti-smooth muscle, anti-parietal cell	<b>Substrate:</b> Rat - (liver, kidney) wrapped in stomach
REF S517.051	<b>AESKUSLIDES®</b> rLKS separated	<b>Slide Presentation:</b> 5 wells	<b>Antibodies:</b> Anti-mitochondrial, anti-smooth muscle, anti-parietal cell	<b>Substrate:</b> Rat - liver, kidney, stomach



# AESKUSLIDES® - Individual Components

## Individual Components: Slides

REF S517.100	<b>AESKUSLIDES®</b> rLKS separated	<b>Slide Presentation:</b> 10 wells	<b>Antibodies:</b> Anti-mitochondrial, anti-smooth muscle, anti- parietal cell	<b>Substrate:</b> rat - liver, kidney, stomach
REF S518.050	<b>AESKUSLIDES®</b> mLKS separated	<b>Slide Presentation:</b> 5 wells	<b>Antibodies:</b> Anti-mitochondrial, anti-smooth muscle, anti- parietal cell	<b>Substrate:</b> mouse - liver, kidney, stomach
REF S518.100	<b>AESKUSLIDES®</b> mLKS separated	<b>Slide Presentation:</b> 10 wells	<b>Antibodies:</b> Anti-mitochondrial, anti-smooth muscle, anti- parietal cell	<b>Substrate:</b> mouse - liver, kidney, stomach
REF S512.050	<b>AESKUSLIDES®</b> EMA	<b>Slide Presentation:</b> 5 wells	<b>Antibodies:</b> Anti-endomysium	<b>Substrate:</b> Primate Oesophagus
REF S512.100	<b>AESKUSLIDES®</b> EMA	<b>Slide Presentation:</b> 10 wells	<b>Antibodies:</b> Anti-endomysium	<b>Substrate:</b> Primate Oesophagus

## Individual Components: Conjugate

REF C51.100	<b>AESKUSLIDES®</b> CONJUGATE ANA HEp-2	<b>Volume:</b> 4 ml	<b>Concentration:</b> Ready to use	Individual component for use with <b>ANA HEp-2 kits/slides</b> against <b>IgG Fc (Fc<math>\gamma</math> chain)</b>
REF C51.100.BULK	<b>AESKUSLIDES®</b> CONJUGATE ANA HEp-2 Bulk	<b>Volume:</b> 7.5 ml	<b>Concentration:</b> Ready to use	Individual component for use with <b>ANA HEp-2 kits/slides</b> against <b>IgG Fc (Fc<math>\gamma</math> chain)</b>
REF C51.101	<b>AESKUSLIDES®</b> CONJUGATE ANA HEP-2	<b>Volume:</b> 4 ml	<b>Concentration:</b> Ready to use	Individual component for use with <b>ANA HEp-2 kits/slides</b> against <b>IgG heavy and light chain (H<math>\gamma</math> chain + L<math>\gamma</math> chain)</b>

# AESKUSLIDES® - Individual Components

## Individual Components: Conjugate

REF C51.101.BULK	<b>AESKUSLIDES®</b> CONJUGATE ANA HEp-2 Bulk	<b>Volume:</b> 7.5 ml	<b>Concentration:</b> Ready to use	Individual component for use with <b>ANA HEp-2 kits/slides</b> against IgG heavy and light chain (H $\gamma$ chain + L $\gamma$ chain)
REF C53.100	<b>AESKUSLIDES®</b> CONJUGATE nDNA	<b>Volume:</b> 4 ml	<b>Concentration:</b> Ready to use	Individual component for use with <b>nDNA kits/slides</b>
REF C54.050	<b>AESKUSLIDES®</b> CONJUGATE ANCA Ethanol	<b>Volume:</b> 2 ml	<b>Concentration:</b> Ready to use	Individual component for use with <b>ANCA Ethanol kits/slides</b>
REF C54.051	<b>AESKUSLIDES®</b> CONJUGATE ANCA Formalin	<b>Volume:</b> 2 ml	<b>Concentration:</b> Ready to use	Individual component for use with <b>ANCA Formalin kits/slides</b>
REF C54.100	<b>AESKUSLIDES®</b> CONJUGATE ANCA Ethanol	<b>Volume:</b> 4 ml	<b>Concentration:</b> Ready to use	Individual component for use with <b>ANCA Ethanol kits/slides</b>
REF C54.101	<b>AESKUSLIDES®</b> CONJUGATE ANCA Formalin	<b>Volume:</b> 4 ml	<b>Concentration:</b> Ready to use	Individual component for use with <b>ANCA Formalin kits/slides</b>
REF CDTIFA	<b>AESKUSLIDES®</b> CONJUGATE LKS / KS	<b>Volume:</b> 3.5 ml	<b>Concentration:</b> Ready to use	Individual component for use with <b>all LKS and KS kits/slides</b>
REF C512.050	<b>AESKUSLIDES®</b> CONJUGATE EMA IgA	<b>Volume:</b> 3.5 ml	<b>Concentration:</b> Ready to use	Individual component for use with <b>EMA IgA kits/slides</b>
REF C512.060	<b>AESKUSLIDES®</b> CONJUGATE EMA IgG	<b>Volume:</b> 3.5 ml	<b>Concentration:</b> Ready to use	Individual component for use with <b>EMA IgG kits/slides</b>

# AESKUSLIDES® - Individual Components

## Individual Components: Controls

REF PC54.100	<b>AESKUSLIDES®</b> c-ANCA PATTERN CONTROL	<b>Volume:</b> 0.5 ml	<b>Concentration:</b> Ready to use	Individual component for use with <b>ANCA kits/slides</b>
REF PC54.101	<b>AESKUSLIDES®</b> p-ANCA PATTERN CONTROL	<b>Volume:</b> 0.5 ml	<b>Concentration:</b> Ready to use	Individual component for use with <b>ANCA kits/slides</b>
REF PC51.100	<b>AESKUSLIDES®</b> ANA PATTERN CONTROL (Homogeneous)	<b>Volume:</b> 0.5 ml	<b>Concentration:</b> Ready to use	Individual component for use with <b>ANA HEp-2 kits/slides</b>
REF PC53.100	<b>AESKUSLIDES®</b> nDNA POSITIVE CONTROL	<b>Volume:</b> 0.5 ml	<b>Concentration:</b> Ready to use	Individual component for use with <b>nDNA kits/slides</b>
REF PCDTIFA	<b>AESKUSLIDES®</b> AMA POSITIVE CONTROL	<b>Volume:</b> 0.5 ml	<b>Concentration:</b> Ready to use	Individual component for use with <b>AMA kits/slides</b>
REF PC512.050	<b>AESKUSLIDES®</b> EMA IgA POSITIVE CONTROL	<b>Volume:</b> 0.5 ml	<b>Concentration:</b> Ready to use	Individual component for use with <b>EMA IgA kits/slides</b>
REF PC512.060	<b>AESKUSLIDES®</b> EMA IgG POSITIVE CONTROL	<b>Volume:</b> 0.5 ml	<b>Concentration:</b> Ready to use	Individual component for use with <b>EMA IgG kits/slides</b>
REF NCIFA	<b>AESKUSLIDES®</b> IFA NEGATIVE CONTROL	<b>Volume:</b> 0.5 ml	<b>Concentration:</b> Ready to use	Individual component for use with <b>all AESKUSLIDES® kits/slides</b>
REF NCANCA	<b>AESKUSLIDES®</b> ANCA NEGATIVE CONTROL	<b>Volume:</b> 0.5 ml	<b>Concentration:</b> Ready to use	Individual component for use with <b>AESKUSLIDES® ANCA Ethanol and Formalin kits/slides</b>



# AESKUSLIDES® - Individual Components

## Individual Components: Miscellaneous

REF MMIFA	<b>AESKUSLIDES®</b> MOUNTING MEDIUM	<b>Volume:</b> 8 ml	<b>Concentration:</b> Ready to use	Individual component for use with <b>all Aeskuslides® kits/slides (HELMED® or manual use)</b>
REF MMIFABULK	<b>AESKUSLIDES®</b> MOUNTING MEDIUM Bulk	<b>Volume:</b> 12 ml	<b>Concentration:</b> Ready to use	Individual component for use with <b>all Aeskuslides® kits/slides (HELMED® or manual use)</b>
REF EBIFA	<b>AESKUSLIDES®</b> COUNTERSTAIN (Evans Blue 0.2%)	<b>Volume:</b> 3 ml	<b>Concentration:</b> recommended dilution 1/3000 with <b>AESKUSLIDES® WASH BUFFER REF WBIFA</b>	Individual component for use with <b>all Aeskuslides® kits/slides</b>
REF SBIFA	<b>AESKUSLIDES®</b> SAMPLE BUFFER	<b>Volume:</b> 100 ml	<b>Concentration:</b> 1x	Individual component for use with <b>all Aeskuslides® kits/slides (HELMED® or manual use)</b>
REF WBIFA	<b>AESKUSLIDES®</b> WASH BUFFER	<b>Volume:</b> 100 ml	<b>Concentration:</b> 10x	Individual component for use with <b>all Aeskuslides® kits/slides (HELMED® or manual use)</b>