

**A STRATEGIC LINE-UP  
TO CHASE CLEAR RESULTS**



**AESKUBLOTS®**

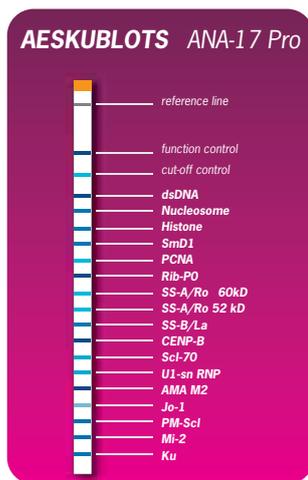
## AESKUBLOTS®

Rheumatology – Vasculitis – Hepatology – Gastroenterology – Myositis – Lyme Borreliosis

The **AESKUBLOTS®** test line represents a variety of different immunoblots for efficient profile testing of autoimmune and infectious diseases.

Coated with a plethora of specific antigens on one test strip, **AESKUBLOTS®** provide a complete diagnostic overview in a single test and are suitable for screening of autoimmune diseases as well as cost-effective differential diagnosis.

**For easy interpretation of AESKUBLOTS®, AESKU.DIAGNOSTICS provides a dedicated evaluation software AESKU.SCAN®.**



### **AESKUBLOTS® ANA-17 Pro (REF 4001)**

24 tests/kit

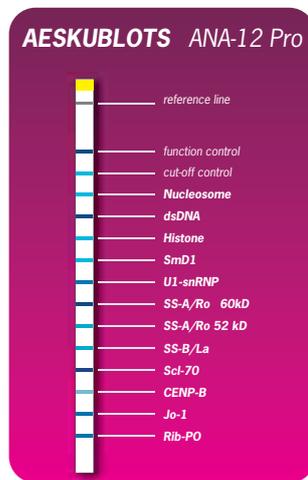
**Conjugate:** anti-human IgG HRP

Color-coded (orange) test strips with cut-off and positive control

#### **Immunoblot for the qualitative detection of IgG antibodies against:**

dsDNA, nucleosomes, histones, SmD1, PCNA, Rib-P0, SS-A/Ro60kD, SS-A/Ro52kD, SS-B/La, CENP-B, ScI-70, U1 snRNP, AMA M2, Jo-1, Pm-Scl, Ku and Mi-2 in human serum or plasma.

**AESKUBLOTS® ANA-17 Pro** is used for the differential diagnosis of systemic rheumatic diseases. Detection of autoantibodies in **AESKUBLOTS®** with the corresponding specific antigens allows an easier and more reliable differentiation of specific ANAs (anti-nuclear antibodies). The ANAs included occur in active and inactive systemic lupus erythematosus (SLE), mixed connective tissue diseases (MCTD), scleroderma, Sjogren's syndrome, primary biliary cirrhosis (PBC) and polymyositis. **ANA-17 Pro** antigens are fitted on the test strip according to their relevance for the individual autoimmune disease (SLE, Sjogren's syndrome, CREST syndrome, scleroderma, MCTD, myositis, and PBC) allowing easier interpretation.



### **AESKUBLOTS® ANA-12 Pro (REF 4000)**

24 tests/kit

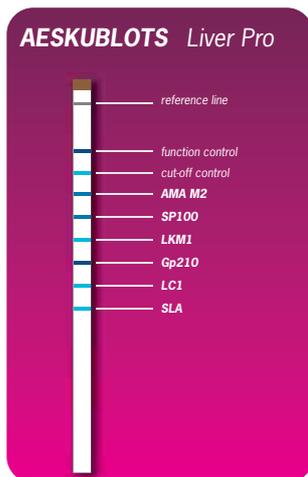
**Conjugate:** anti-human IgG HRP

Color-coded (yellow) test strips with cut-off and positive control

#### **Immunoblot for the qualitative detection of IgG antibodies against:**

nucleosomes, dsDNA, histones, SmD1, U1-snRNP, SS-A/Ro60kD, SS-A/Ro52kD, SS-B/La, ScI-70, CENP-B, Jo-1 and ribosomal P protein (Rib-P0) in human serum or plasma.

**AESKUBLOTS® ANA-12 Pro** is used for the differential diagnosis of systemic rheumatic diseases. Detection of autoantibodies in **AESKUBLOTS®** with the corresponding specific antigens allows an easier and more reliable differentiation of specific ANAs (anti-nuclear antibodies). The ANAs included occur in active and inactive systemic lupus erythematosus (SLE), mixed connective tissue diseases (MCTD), scleroderma, Sjogren's syndrome and polymyositis.



### **AESKUBLOTS® Liver Pro (REF 4004)**

24 tests/kit

**Conjugate:** anti-human IgG HRP

Color-coded (brown) test strips with cut-off and positive control

#### **Immunoblot for the qualitative detection of IgG antibodies against:**

AMA M2, Sp100, LKM1, gp210, LC1 and SLA in human serum or plasma.

**AESKUBLOTS® Liver Pro** is used as an aid in the diagnosis of autoimmune liver diseases. The most important autoimmune liver diseases are autoimmune hepatitis (AIH) types 1-3, primary biliary cirrhosis (PBC) and a combination of both diseases (immunocholangiopathy). AIH is a chronic, progressive liver disease of unknown cause, which responds well to immunosuppressive therapy, however, if untreated it has a poor prognosis. PBC is a chronic inflammatory disease of the small and medium-size bile ducts. Undetected it can lead to liver cirrhosis. An early and reliable diagnosis is therefore of great importance.

### **AESKUBLOTS® Myositis Pro** (REF 4003)

24 tests/kit

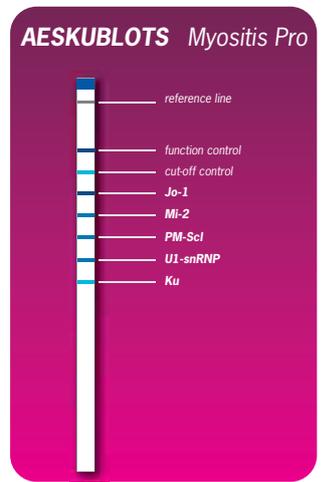
**Conjugate:** anti-human IgG HRP

Color-coded (blue) test strips with cut-off and positive control

#### **Immunoblot for the qualitative detection of IgG antibodies against:**

Jo-1, Mi-2, Pm-Scl, U1-snRNP and Ku in human serum or plasma.

**AESKUBLOTS® Myositis Pro** is designed to help in the diagnosis of poly- and dermatomyositis, as well as myositis-associated autoimmune diseases. Autoimmune myositis represents a heterogeneous group of acquired muscle diseases. Their main clinical and morphological characteristics are muscle weakness and inflammatory infiltration of skeletal muscles.



### **AESKUBLOTS® Vasculitis Pro** (REF 4002)

24 tests/kit

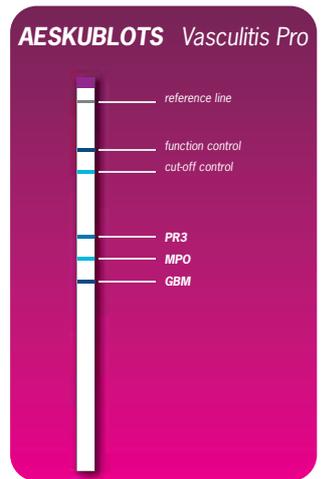
**Conjugate:** anti-human IgG HRP

Color-coded (purple) test strips with cut-off and positive control

#### **Immunoblot for the qualitative detection of IgG antibodies against:**

PR3, MPO and GBM in human serum or plasma.

**AESKUBLOTS® Vasculitis Pro** is used for the differential diagnosis of autoimmune vasculitis. Antibodies against proteinase 3 (PR3) and myeloperoxidase (MPO) belong to the group of anti-neutrophil cytoplasmic antibodies (ANCA), which have been described as important markers in the differential diagnosis of autoimmune vasculitis. Anti-PR3 antibodies represent specific serological markers for granulomatosis with polyangiitis (Wegener's) and could play a role in pathogenesis. Anti-MPO antibodies occur in idiopathic and vasculitis-associated rapidly progressive glomerulonephritis, they are found in up to 70% of microscopic polyangiitis, and up to 5-50% in the Churg-Strauss syndrome. Serological detection of circulating antibodies against glomerular basement membrane in the glomeruli (GBM) is the method of choice in diagnosis of Goodpasture's syndrome.



### **AESKUBLOTS® Gastro Pro** (REF 4005)

24 tests/kit

**Conjugate:** anti-human IgA/IgG HRP

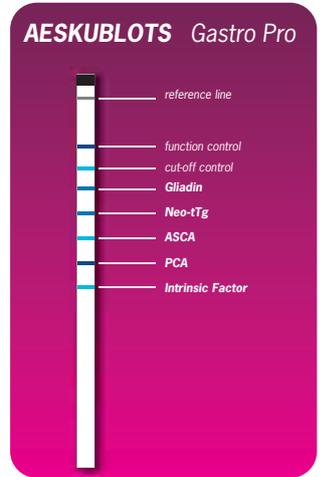
Color-coded (black) test strips with cut-off and positive control

#### **Immunoblot for the qualitative detection of IgA and IgG antibodies against:**

Gliadin, Neo-tTg, mannan (ASCA), parietal cells and intrinsic factor-antigen.

**AESKUBLOTS® Gastro Pro** is designed to assist in the diagnosis of celiac disease, pernicious anemia and Crohn's Disease. Each section of the gastro-intestinal tract can be affected by autoimmune gastrointestinal diseases. Disease is often diagnosed years after occurrence of initial symptoms and outcome is severe in many cases.

Celiac patients often have an IgA deficiency. In order to avoid false-negative results, **AESKUBLOTS® Gastro Pro** detects IgA and IgG antibodies.



### **AESKUBLOTS® Borrelia-G** (REF 4006) and **AESKUBLOTS® Borrelia-M** (REF 4007)

24 tests/kit

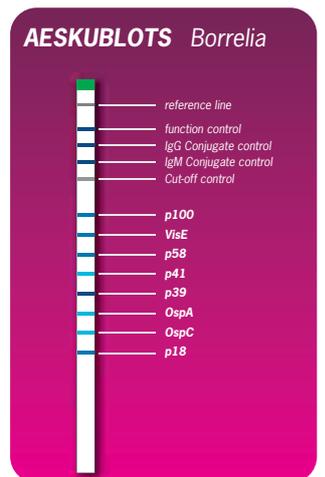
**Conjugate:** anti-human IgG or IgM HRP

Color-coded (green) test strips with cut-off and positive control

Immunoblot for the qualitative detection of specific IgG or IgM against *Borrelia burgdorferi* in human serum.

The assays provide tools for confirmation of positive and borderline ELISA (**AESKULISA® Borrelia-G**, **AESKULISA® Borrelia-M**) results, and are in accordance with the two stage testing procedure recommended by the German Society for Hygiene and Microbiology (DGHM).

Lyme disease is a multisystemic disease caused by infection with the spirochete *Borrelia burgdorferi*, transmitted in Europe mainly by *Ixodes ricinus* (sheep tick). The antigens coated on the test strips are: p100, VlsE, p58, p41, p39, OspA, OspC and p18.



## ORDERING REFERENCE

<b>AESKUBLOTS®</b> ANA-17 Pro	<b>REF-Nr:</b> 4001	<b>Conjugate:</b> Anti-human IgG HRP	<b>Antigens:</b> dsDNA, nucleosomes, histones, SmD1, PCNA, Rib-P0, SS-A/Ro60kD, SS-A/Ro52kD, SS-B/La, CENP -B, Scl-70, U1-snRNP, AMA-M2, Jo-1, Pm-Scl, Ku, Mi-2
<b>AESKUBLOTS®</b> ANA-12 Pro	<b>REF-Nr:</b> 4000	<b>Conjugate:</b> Anti-human IgG HRP	<b>Antigens:</b> nucleosomes, dsDNA, histones, SmD1, U1-snRNP, SS-A/Ro60kD, SS-A/Ro52kD, SS-B/La, Scl-70, CENP-B, Jo-1, Rib-P0
<b>AESKUBLOTS®</b> Liver Pro	<b>REF-Nr:</b> 4004	<b>Conjugate:</b> Anti-human IgG HRP	<b>Antigens:</b> AMA-M2, Sp100, LKM-1, gp210, LC-1, SLA
<b>AESKUBLOTS®</b> Myositis Pro	<b>REF-Nr:</b> 4003	<b>Conjugate:</b> Anti-human IgG HRP	<b>Antigens:</b> Jo-1, Mi-2, Pm-Scl, U1-snRNP, Ku
<b>AESKUBLOTS®</b> Vasculitis Pro	<b>REF-Nr:</b> 4002	<b>Conjugate:</b> Anti-human IgG HRP	<b>Antigens:</b> PR3, MPO, GBM
<b>AESKUBLOTS®</b> Gastro Pro	<b>REF-Nr:</b> 4005	<b>Conjugate:</b> Anti-human IgA/IgG HRP	<b>Antigens:</b> Gliadin, Neo-tTg, ASCA, PCA, intrinsic factor
<b>AESKUBLOTS®</b> Borrelia-G	<b>REF-Nr:</b> 4006	<b>Conjugate:</b> Anti-human IgG HRP	<b>Antigens:</b> p100, VlsE, p58, p41, p39, OspA, OspC, p18
<b>AESKUBLOTS®</b> Borrelia-M	<b>REF-Nr:</b> 4007	<b>Conjugate:</b> Anti-human IgM HRP	<b>Antigens:</b> p100, VlsE, p58, p41, p39, OspA, OspC, p18