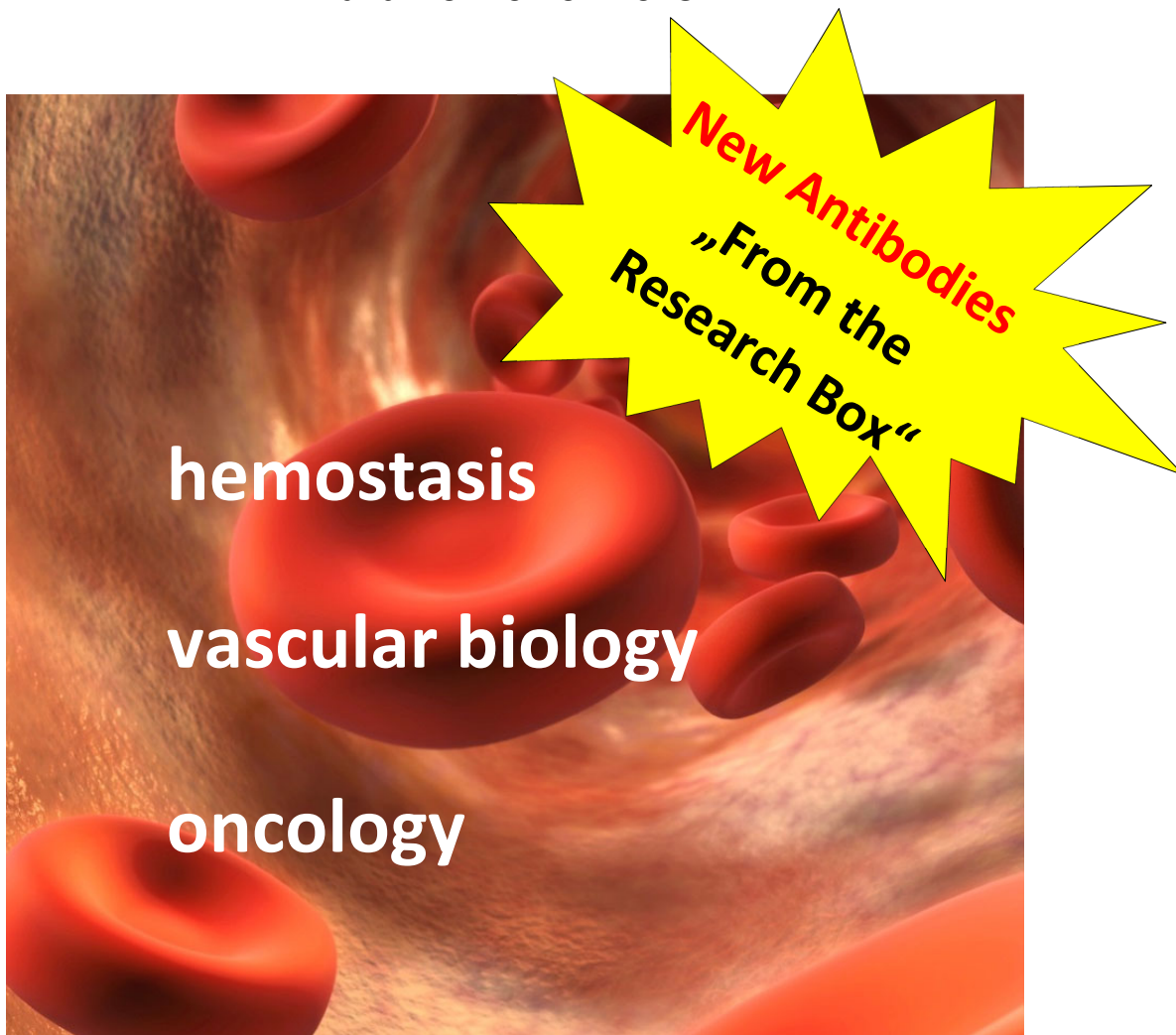


# Specialty Coagulation Reagents

## Product List 2023

valid from 01.01.2023



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**NEW!**

**NEW!**

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# 1. Complete Kits for Specialty Coagulation Research

## APC (Activated Protein C)

### **OLIGOBIND® APC Activity Assay**

**REF N° ADG855**

Assay for direct quantification of activated Protein C in human plasma samples. To avoid pre-analytical inactivation of APC, special APC-blood collection tubes (Ref. No. ADG855T) are used for blood drawing.

### **OLIGOBIND® APC Blood Collection Tubes**

**REF N° ADG855T25/T50**

APC Blood Collection Tubes are intended for the collection of whole blood for further preparation and assaying of APC plasma levels.

### **OLIGOBIND® APC Inhibitor Solution**

**REF N° ADG855IS**

The OLIGOBIND® APC Inhibitor Solution is intended for the pretreatment of sample solutions for further preparation and assaying of plasma APC levels.

## Factor XIII

### **Factor XIII Activity assay**

**REF N° ADG866**

Factor XIII is converted by Thrombin into Factor XIIIa. At the same time, Thrombin converts Fibrinogen into Fibrin. The clotting is prevented by an aggregation inhibiting peptide. Factor XIIIa cleaves a dark quenching molecule from the side chain of a modified peptide incorporating glycine methyl ester. Subsequently, the fluorescence of an N-terminal coupled dye increases and can be monitored on-line (excitation wavelength 313 nm; emission wavelength 418 nm).

## FSAP (Factor VII Activating Protease)

### **IMUBIND® FSAP ELISA**

**REF N° ADG876**

The IMUBIND® FSAP ELISA is an enzyme-linked immunoassay for the quantitative measurement of factor seven activating protease in human plasma. Factor Seven Activating Protease (FSAP, Factor VII activating protease, FVII activating protease) is a potent activator of factor VII independent of tissue factor and an activator of pro-urokinase. FSAP plays a dual role, clot formation via factor VII activation and clot degradation via prourokinase activation, holds a key position in the delicate balance of the hemostatic system.

# 1. Complete Kits for Specialty Coagulation Research

## Lipid Metabolism

### Lipoprotein Lipase (LPL) ELISA

REF N° ADG862

The LPL ELISA is an enzyme-linked immunoassay for the quantitative measurement of human lipoprotein lipase in serum or heparin plasma. Deficiency or dysfunction of LPL is observed in patients with hyperlipidemia of types I, IV and V, therefore, the LPL decrease is considered as one cause of hypertri- glyceridemia.

### Pre- $\beta$ 1 High density lipoproteins (Pre- $\beta$ 1-HDL) ELISA

REF N° ADG863

The Pre- $\beta$ 1-HDL ELISA is an enzyme-linked immunoassay for the quantitative measurement of Pre- $\beta$ 1-HDL in human plasma. It has been demonstrated that the pre- $\beta$ 1-HDL concentration is elevated in type 2 diabetic patients and that a high pre- $\beta$ 1-HDL concentration is a predictor of carotid atherosclerosis.

### Lecithin-Cholesterol Acyltransferase (LCAT) ELISA

REF N° ADG864

The LCAT ELISA is an enzyme-linked immunoassay for the quantitative measurement of lecithincholesterol acyl-transferase (LCAT) in human serum and plasma. Direct measurement of the enzyme mass and activity may contribute to the differentiation of LCAT defects.

### MDA-LDL ELISA

REF N° ADG861

The MDA-LDL ELISA is an enzyme-linked immunoassay for the quantitative measurement of Malondialdehyde modified low density lipoprotein (MDA-LDL, oxidized LDL) in serum.

## Lipoxygenase

### IMUBIND® 12-Lipoxygenase ELISA

REF N° ADG872

The IMUBIND® 12-Lipoxygenase (Platelet-type/arachidonate, 12-LOX, 12S-LOX, ALOX12) ELISA is an enzyme-linked immunosorbent assay for the quantitative determination of human 12-Lipoxygenase in human plasma or serum or in any fluid where 12-Lipoxygenase might be present.

## Plasminogen Activator Inhibitors (PAI)

### IMUBIND® PAI-2 ELISA

REF N° ADG823

The IMUBIND® PAI-2 ELISA is an enzyme-linked immunoassay for the determination of human Plasminogen Activator Inhibitor type-2 (PAI-2) antigen in human biological fluids (plasma, human tissue samples). This assay detects the low molecular weight (48 kD) and the high molecular weight glycosylated (60 kD) form of PAI-2. Free PAI-2 and PAI-2/uPA and PAI-2/tPA complexes are recognized. The assay is insensitive to PAI-1.

# 1. Complete Kits for Specialty Coagulation Research

## TAFI (Thrombin Activatable Fibrinolysis Inhibitor)

### TAFI Activity Assay

REF N° ADG871

The TAFI Activity Kit is a plasma based chromogenic assay for the determination of Thrombin Activatable Fibrinolysis Inhibitor (TAFI) enzyme activity. TAFI is a proenzyme similar to carboxypeptidase B and is activated to TAFIa by thrombin and probably plasmin. High levels of TAFIa may be an indication for thrombotic risk.

## Thrombin /Antithrombin

### OLIGOBIND® Thrombin Activity Assay

REF N° ADG844

First assay for direct measurement of active thrombin in human plasma samples. In combination with the Thrombin blood collection tubes (Ref. No. ADG844T) which ensure the stabilization of thrombin-activity ex vivo, the OLIGOBIND® Thrombin activity assay allows the direct quantification of functional active thrombin in plasma from peripheral blood.

### OLIGOBIND® Thrombin Blood Collection Tubes

REF N° ADG844T25/T50

Thrombin Blood Collection Tubes are intended for the collection of whole blood for further preparation and assaying of plasma thrombin levels.

### OLIGOBIND® Thrombin Inhibitor Solution

REF N° ADG844IS

The OLIGOBIND® TH Inhibitor Solution is intended for the pretreatment of sample solutions for further preparation and assaying of plasma thrombin levels.

### OLIGOBIND® Instrument Adjustment Set

REF N° ADG844AS

The Instrument Adjustment Set helps to find the optimal Instrument setting for measuring the OLIGOBIND® Thrombin (ADG844) and/or APC activity assays (ADG855).

### IMUBIND® TAT ELISA

REF N° ADG833

The IMUBIND® TAT ELISA measures Thrombin-Antithrombin III (TAT) complexes. Elevated plasma levels of TAT have been associated with a wide variety of active thrombotic events including disseminated intravascular coagulation (DIC), sepsis, multiple trauma, pregnancy complications (pre-eclampsia), deep vein thrombosis (DVT), and malignancies. TAT levels have also been found to be elevated in many patients with disturbances in global coagulation when routine coagulation parameters are in the sub-normal or normal range.

## Vitronectin

### IMUBIND® Vitronectin ELISA

REF N° ADG803

The IMUBIND® Vitronectin ELISA is an enzyme-linked immunoassay for the quantitative determination of total Vitronectin in human plasma or serum or in any fluid where Vitronectin might be present. Human Vitronectin is a major plasma glycoprotein that exhibits multiple activities and functions as a cell adhesion molecule and regulator of coagulation.

## 2. Deficient Plasma

### Deficient Plasma

Human plasma depleted for specific coagulation factors via immunoaffinity chromatography

Factor Depleted	Size	REF
alpha-2-antiplasmin	5x 1 ml/vial	ADG213
Antithrombin III	1 ml	ADG203
Factor V	10x 1 ml/vial	ADG205
Factor VII	10x 1 ml/vial	ADG267
Factor IX	10x 1 ml/vial	ADG269
Factor X	10x 1 ml/vial	ADG210
Factor XI	10x 1 ml/vial	ADG211
Factor XII	10x 1 ml/vial	ADG212
Factor XIII	10x 1 ml/vial	ADG214
Fibrinogen	5x 1 ml/vial	ADG204
Heparin Cofactor II	5x 1 ml/vial	ADG208
Kininogen	1x 1 ml/vial	ADG218
Plasminogen	1x 1 ml/vial	ADG240
Prekallikrein	1x 1 ml/vial	ADG215
Protein C	5x1 ml/vial	ADG249
Protein S	1x 1 ml/vial	ADG253
TAFI	1x 1 ml/vial	ADG216
von Willebrand Factor (vWF)	5x 1 ml/vial	ADG206

### 3. Antibodies for Specialty Coagulation Research

#### A. Monoclonal Antibodies against human coagulation factors/molecules

Specificity	Clone	Applications	Size	REF
ADAMTS13	12.1	ELISA, WB, IP, Inhibitory	100 µg	ADG3312
ADAMTS13	4.1	Inhibitory	100 µg	ADG3304
ADAMTS13	5.1	ELISA	100 µg	ADG3305
ADAMTS13	6.1	WB	100 µg	ADG3306
ADAMTS13	7.1	Inhibitory	100 µg	ADG3307
Factor VIII	HD-FVIIIc 15.8	ELISA	250 µg	ADG4715
Factor VIII	HD-FVIIIc 18.1	ELISA	250 µg	ADG4718
Factor VIII, heavy chain	ESH-5	Inhibitor, IP	0.5 mg	ADGESH-5
Factor VIII, light chain	ESH-4	Inhibitor, IP	0.5 mg	ADGESH-4
Factor VIII, light chain	ESH-8	IP, IHC, Inhibitor, WB	0.5 mg	ADGESH-8
FSAP, light chain	677	ELISA, WB, IHC	100 µg	ADG4601
FSAP, light chain	570	ELISA, IP, Inhibitory	100 µg	ADG4602
GLA domain (matrix-bound)	M3B	IP	1 ml	ADG3570MX
PAI-1	HD-PAI-1 14.1	ELISA, WB, IHC	250 µg	ADG3786
PAI-1	HD-PAI-1 15.1	ELISA, WB	250 µg	ADG3715
PAI-1	HD-PAI-1 2.1	ELISA, WB	250 µg	ADG3702
PAI-1	HD-PAI-1 22.1	WB	250 µg	ADG3722
PAI-1	HD-PAI-1 23.1	WB, IHC	250 µg	ADG3723
PAI-2	HD-PAI-2 22.1	ELISA, FACS, IHC	250 µg	ADG3922
Plasminogen	PG1	ELISA, WB, IHC	0.5 mg	ADG3643
Plasminogen	PG6	ELISA, IHC	0.5 mg	ADG3646
Plasminogen	PG12	ELISA, IHC	0.5 mg	ADG3652
Plasminogen	PG13	ELISA, IHC	0.5 mg	ADG3653
Plasminogen	PG19	ELISA, WB, Inhibitory	0.5 mg	ADG3659
Prothrombin	K1 4C2-E7	ELISA	100 µg	ADG1035
TFPI Kunitz domain 1	2H8	ELISA, IHC, IP, WB, Inhibitory	100 µg	ADG4903
Thrombin	EST4	Inhibitory	0.5 mg	ADGEST4
Thrombomodulin (CD141)	71-43B	WB, FACS	250 µg	ADG2375
Tissue Factor (TF)	VIC7	WB, IHC, FACS	0.5 mg	ADG4507
Tissue Factor (TF)	VD8	WB, IHC, FACS	0.5 mg	ADG4508
tPA	HD-tPA 4.1	ELISA, Inhibitory	250 µg	ADG3504
tPA	HD-tPA 11	ELISA, WB, IHC	250 µg	ADG3511
uPA	HD-UK-5	ELISA, WB, IC	250 µg	ADG3475
uPA	HD-UK-6	ELISA, WB	250 µg	ADG3476
uPA	HD-UK-7	ELISA, WB	250 µg	ADG3477

NEW!

NEW!

NEW!

NEW!



### 3. Antibodies for Specialty Coagulation Research

#### A. Monoclonal Antibodies against human coagulation factors/molecules

Specificity	Clone	Applications	Size	REF
uPA b-chain	HD-UK1	ELISA, IHC, FACS, WB, Inhibitory	250 µg	ADG3689
uPA-ATF (aa 17-34)	HD-UK2	FACS, WB, Inhibitory	250 µg	ADG3471
uPA-R (u-PA Receptor)	HD-UPAR-13.1	WB, IHC, IP, FACS	250 µg	ADG3937
uPA-R (u-PA Receptor)	HD-UPAR-15.4.1	FACS, IC	250 µg	ADG3915
NEW! uPA-R (u-PA Receptor)	HD-UPAR-6.1	FACS, WB	250 µg	ADG3906
Vitronectin	VN7	ELISA, FACS, IHC	250 µg	ADG1031
Von Willebrand Factor (vWF)	ESvWF8	IP, IHC	0.5 mg	ADGESvWF8

Also available in bulk. Please inquire.

### 3. Antibodies for Specialty Coagulation Research

#### B. Monoclonal Antibodies against human platelets markers (CD markers)

Specificity	Clone	Applications	Size	REF
<b>CD9</b>				
CD9 no azide	MEM-61	FS	100 µg 300 µg	ADG5001 ADG5001L
CD9	MEM-61	FACS, IP, WB	100 µg 300 µg	ADG5002 ADG5002L
CD9 FITC-conjugated	MEM-61	FACS	500 µl 2 ml	ADG5003 ADG5003L
CD9 PE-conjugated	MEM-61	FACS	500 µl 2 ml	ADG5004 ADG5004L
CD9 APC-conjugated	MEM-61	FACS	500 µl 2 ml	ADG5005 ADG5005L
CD9	HI9a	FACS, IHC	100 µg 300 µg	ADG5006 ADG5006L
CD9 Biotin-conjugated	HI9a	FACS, IHC	50 µg 150 µg	ADG5007 ADG5007L
CD9 FITC-conjugated	HI9a	FACS	500 µl 2 ml	ADG5008 ADG5008L
CD9 PE-conjugated	HI9a	FACS	500 µl 2 ml	ADG5009 ADG5009L
CD9 APC-conjugated	HI9a	FACS	200 µl 2 ml	ADG5010 ADG5010L
<b>CD17</b>				
CD17	MEM-74	FACS	100 µg 300 µg	ADG5011 ADG5011L
CD17	HIP10	FACS, IC	100 µg 300 µg	ADG5012 ADG5012L
CD17 FITC-conjugated	HIP10	FACS	500 µl 2 ml	ADG5013 ADG5013L
<b>CD23</b>				
CD23	LT23	FACS	100 µg 300 µg	ADG5014 ADG5014L
CD23	LT-4F1	FACS	100 µg 300 µg	ADG5015 ADG5015L
<b>CD31</b>				
CD31	MEM-05	FACS, WB	100 µg 300 µg	ADG5016 ADG5016L
CD31 FITC-conjugated	MEM-05	FACS	500 µl 2 ml	ADG5017 ADG5017L
CD31 PE-conjugated	MEM-05	FACS	500 µl 2 ml	ADG5018 ADG5018L
CD31 APC-conjugated	MEM-05	FACS	500 µl 2 ml	ADG5019 ADG5019L
CD31 PE/Dy590-conjugated	MEM-05	FACS	500 µl 2 ml	ADG5020 ADG5020L
CD31	TR17	FACS, WB	100 µg 300 µg	ADG5021 ADG5021L

### 3. Antibodies for Specialty Coagulation Research

#### B. Monoclonal Antibodies against human platelets markers (CD markers)

Specificity	Clone	Applications	Size	REF
<b>CD36</b>				
CD36	TR9	FACS	100 µg	ADG5022
			300 µg	ADG4022L
CD36 FITC-conjugated	TR9	FACS	500 µl	ADG5023
			2 ml	ADG5023L
CD36 PE-conjugated	TR9	FACS	500 µl	ADG5024
			2 ml	ADG5024L
CD36 APC conjugated	TR9	FACS	500 µl	ADG5025
			2 ml	ADG5025L
<b>CD41</b>				
CD41	MEM-06	FACS	100 µg	ADG5026
			300 µg	ADG526L
CD41 FITC-conjugated	MEM-06	FACS	500 µl	ADG5027
			2 ml	ADG5027L
CD41 PE-conjugated	MEM-06	FACS	500 µl	AGD5028
			2 ml	ADG5028L
CD41 APC-conjugated	MEM-06	FACS	500 µl	ADG5029
			2 ml	ADG5029L
CD41	TR8	FACS	100 µg	ADG5030
			300 µg	ADG5030L
CD41 FITC-conjugated	TR8	FACS	500 µl	ADG5031
			2 ml	ADG5031L
CD41 PE-conjugated	TR8	FACS	500 µl	ADG5032
			2 ml	ADG5032L
CD41 APC-conjugated	TR8	FACS	500 µl	ADG5033
			2 ml	ADG5033L
CD41	HIP7	FACS	100 µg	ADG5034
			300 µg	ADG5034L
<b>CD42b</b>				
CD42b	HIP1	FACS, IHC	100 µg	ADG5035
			300 µg	ADG5035L
CD42b FITC-conjugated	HIP1	FACS	500 µl	ADG5036
			2 ml	ADG5036L
CD42b PE-conjugated	HIP1	FACS	500 µl	ADG5037
			2 ml	ADG5037L
CD42b PerCP-conjugated	HIP1	FACS	500 µl	ADG5038
			2 ml	ADG5038L
CD42b APC-conjugated	HIP1	FACS	500 µl	ADG5039
			2 ml	ADG5039L
<b>CD43</b>				
CD43 no azide	MEM-59	FS	100 µg	ADG5040
			300 µg	ADG5040L
CD43	MEM-59	FACS, IC, IHC, IP, WB	100 µg	ADG5041
			300 µg	ADG5041L
CD43 FITC-conjugated	MEM-59	FACS	500 µl	ADG5042
			2 ml	ADG5042L
CD43 PE-conjugated	MEM-59	FACS	500 µl	ADG5043
			2 ml	ADG5043L
CD43 APC-conjugated	MEM-59	FACS	500 µl	ADG5044
			2 ml	ADG5044L
CD43	HI161	FACS, IHC	100 µg	ADG5045
			300 µg	ADG5045L

### 3. Antibodies for Specialty Coagulation Research

#### B. Monoclonal Antibodies against human platelets markers (CD markers)

Specificity	Clone	Applications	Size	REF
<b>CD43</b>				
CD43 FITC-conjugated	HI161	FACS	500 µl 2 ml	ADG5046 ADG5046L
CD43 PE-conjugated	HI161	FACS	500 µl 2 ml	ADG5047 ADG5047L
<b>CD45</b>				
CD45 no azide	MEM-28	FS	100 µg 300 µg	ADG5048 ADG5048L
CD45	MEM-28	FACS, IP, WB, IHC	100 µg 300 µg	ADG5049 ADG5049L
CD45 FITC-conjugated	MEM-28	IHC	500 µl 2 ml	ADG5050 ADG5050L
CD45 PE-conjugated	MEM-28	FACS	500 µl 2 ml	ADG5051 ADG5051L
CD45 PE/Dy647-conjugated	MEM-28	FACS	500 µl 2 ml	ADG5053 ADG5053L
CD45	LT45	FACS, IP	100 µg 300 µg	ADG5054 ADG5054L
CD45	HI30	FACS, IHC	100 µg 300 µg	ADG5055 ADG5055L
CD45 FITC-conjugated	HI30	FACS	500 µl 2 ml	ADG5056 ADG5056L
CD45 PE-conjugated	HI30	FACS	500 µl 2 ml	ADG5057 ADG5057L
CD45 PerCP-conjugated	HI30	FACS	500 µl 2 ml	ADG5058 ADG5058L
CD45 APC-conjugated	HI30	FACS	500 µl 2 ml	ADG5059 ADG5059L
<b>CD49f</b>				
CD49f	NKI-GoH4	FACS	100 µg	ADG5060
<b>CD61</b>				
CD61 FITC-conjugated	C17	FACS	100 µg 300 µg	ADG5061 ADG5061L
CD61 PE-conjugated	C17	FACS	500 µl 2 ml	ADG5062 ADG5062L
CD61 APC-conjugated	C17	FACS	500 µl 2 ml	ADG5063 ADG5063L
<b>CD62P</b>				
CD62P	HI62P	FACS	100 µg 300 µg	ADG5064 ADG5064L
CD62P FITC-conjugated	HI62P	FACS	500 µl 2 ml	ADG5065 ADG5065L
CD62P PE-conjugated	HI62P	FACS	500 µl 2 ml	ADG5066 ADG5066L
CD62P APC-conjugated	HI62P	FACS	500 µl 2 ml	ADG5067 ADG5067L

### 3. Antibodies for Specialty Coagulation Research

#### B. Monoclonal Antibodies against human platelets markers (CD markers)

Specificity	Clone	Applications	Size	REF
<b>CD63</b>				
CD63	MEM-259	FACS, IP, WB	100 µg	ADG5068
			300 µg	ADG5068L
CD63 FITC-conjugated	MEM-259	FACS	500 µl	ADG5069
			2 ml	ADG5069L
CD63 PE-conjugated	MEM-259	FACS	500 µl	ADG5070
			2 ml	ADG5070L
CD63 APC-conjugated	MEM-259	FACS	500 µl	ADG5072
			2 ml	ADG5072L
CD63	EC33	FACS	100 µg	ADG5073
			300 µg	ADG5073L
<b>CD69</b>				
CD69	IT2H11	IHC	100 µg	ADG5074
			300 µg	ADG5074L
CD69	IT8G1	FACS	100 µg	ADG5075
			300 µg	ADG5075L
CD69 FITC-conjugated	IT8G1	FACS	500 µl	ADG5076
			2 ml	ADG5076L
CD69 PE-conjugated	IT8G1	FACS	500 µl	ADG5077
			2 ml	ADG5077L
CD69 APC-conjugated	IT8G1	FACS	500 µl	ADG5078
			2 ml	ADG5078L
CD69 no azide	FN50	FS	100 µg	ADG5079
			300 µg	ADG5079L
CD69	FN50	FACS	100 µg	ADG5080
			300 µg	ADG5080L
CD69 FITC-conjugated	FN50	FACS	500 µl	ADG5081
			2 ml	ADG5081L
CD69 PE-conjugated	FN50	FACS	500 µl	ADG5082
			2 ml	ADG5082L
CD69 APC-conjugated	FN50	FACS	500 µl	ADG5083
			2 ml	ADG5083L
<b>CD107a</b>				
CD107a no azide	H4A3	FS	100 µg	ADG5084
CD107a	H4A3	FACS, IHC, IC, WB	100 µg	ADG5085
<b>CD147</b>				
CD147	MEM-M6/1	FACS, IP, WB	100 µg	ADG5086
			300 µg	ADG5086L
CD147 FITC-conjugated	MEM-M6/1	FACS	500 µl	ADG5087
			2 ml	ADG5087L
CD147 PE-conjugated	MEM-M6/1	FACS	500 µl	ADG5088
			2 ml	ADG5088L
CD147 APC-conjugated	MEM-M6/1	FACS	500 µl	ADG5089
			2 ml	ADG5089L
CD147	IT10C5	WB, ELISA	100 µg	ADG5090
			300 µg	ADG5090L
CD147	HIM6	FACS, IHC	100 µg	ADG5091
			300µg	ADG5091L
CD147 FITC-conjugated	HIM6	FACS	500 µl	ADG5092
			2 ml	ADG5092L
CD147 APC-conjugated	HIM6	FACS	500 µl	ADG5093
			2 ml	ADG5093L

### 3. Antibodies for Specialty Coagulation Research

#### C. Polyclonal Antibodies against humans coagulation factors/molecules

Specificity	Applications	Host	Size	REF
Factor XIII, A-subunit	WB	Rabbit	500 µg	ADG113
Factor XIII, B-subunit	WB	Rabbit	200 µg	ADG123
12-LOX	ELISA, WB, FACS, IHC	Rabbit	500 µg	ADG7212
PAI-1	ELISA, WB, IP	Goat	1 mg	ADG75
PAI-2	ELISA, WB, IP	Goat	1 mg	ADG74
TFPI	ELISA, WB	Rabbit	250 µg	ADG72
Tissue Factor (TF)	ELISA, WB	Rabbit	1 mg	ADG4502
tPA	ELISA, WB, IHC	Goat	1 mg	ADG76
Vitronectin	ELISA, WB	Rabbit	1 mg	ADG1030

#### Applications

**ELISA:** Enzyme Linked Immunosorbent Assay

**FACS:** Flow Cytometry

**FS:** Functional studies

**IC:** Immunocytology

**IHC:** Immunohistochemistry

**IP:** Immunoprecipitation/Immunopurification

**WB:** Western Blot

## 4. Proteins, Inhibitors & Activators for Specialty Coagulation Research

### A. Proteins

Name	Source	Size	REF
Antithrombin III, human	native	1 mg	ADG433N
Factor Va, bovine	native	100 µg	ADG457
Factor VIIa, human	native	20 µg	ADG407act
Factor XI, human	native	50 µg	ADG4011
Factor XIII, human	native	100 µg	ADG413
Factor XIIIa, human, Thrombin-activated	recombinant	200 µg	ADG423
Factor XIII-A <sub>2</sub>	recombinant	200 µg	ADG424
Factor XIII-B subunit	recombinant	200 µg	ADG425
Prekallikrein (Fletcher Factor), human	native	1 mg	ADG472
Prothrombin, human	native	2 mg	ADG417
TFPI, human	recombinant	5 µg	ADG49
		100 µg	ADG49L
		1 mg	ADG49B
Thrombomodulin, human	recombinant	1 mg	ADG2374B
Tissue factor, human	recombinant	25 µg	AD45
tPA 1-chain, human, recombinant	recombinant	50 µg	ADG173
		10 mg	ADG171L
Urokinase (uPA), human, HMW	native	10,000 IE	ADG100
		250,000 IE	ADG102

## 4. Proteins, Inhibitors & Activators for Specialty Coagulation Research

### B. Inhibitors & Activators

Name	Source	Size	REF
Factor V activating protein	native	1000 U	ADG555
Factor X activating protein	native	5x 5 U	ADG545
Factor XIII and tissue TG inhibitor	synthetic	10 mg	ADG535
Factor XIII inhibitor	synthetic	5 mg	ADG575
Fibrin Polymerization Inhibitor	synthetic	50 mg	ADG4530N
KALLISTOP®, Kallikrein inhibitor	synthetic	1 µmole	ADG503
	synthetic	5 mg	ADG503B



## 5. Substrates for Specialty Coagulation Research

### A. Chromogenic Substrates

Name	Chromogenic Substrate for	Size	REF
SPECTROZYME® FIXa	Factor IXa	10 µmole	ADG299
SPECTROZYME® FVIIa	Factor VIIa	50 µmole	ADG217L
SPECTROZYME® FXIIa	Factor XIIa	10 µmole	ADG312
SPECTROZYME® P. Kal	Plasma Kallikrein	25 mg	ADG302

### B. Fluorogenic Substrates

**NEW!**

Name	Chromogenic Substrate for	Size	REF
Fluorogenic Substrate PCa	Activated Protein C	25 mg	ADG344F

## 6. Products from the research box

ImmBioMed GmbH & Co. KG has developed a new offering, i.e. making available valuable research reagents for scientists in specific fields.

This group of products is called „From the research box“.

Based on our focus on coagulation and fibrinolysis we are now making available certain monoclonal antibodies, which have been valuable tools since many years in the research & development of coagulation and fibrinolysis.

Moreover, we are making available a series of antibodies against a special infectious agent, i.e. *Borrelia burgdorferi*.

**All reagents are also available in bulk.**

Also special preparations, like antibodies attached to beads for immuno-affinity procedures or antibodies labelled with biotin or diverse fluorogenic dyes can be provided.

Please inquire for terms and conditions our exclusive distributor:



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**NEW!**

### A. Monoclonal Antibodies against Human Antigens

Specificity	Clone	Applications	REF
$\alpha$ 1-Antichymotrypsin	HD-Acht 1 (2-1)	ELISA, WB	ADG0036L
$\alpha$ 1-Antichymotrypsin	HD-Acht 6 (4-20)	ELISA, IHC	ADG0037L
$\alpha$ 1-Antithrypsin	HD-AT1	ELISA, WB	ADG0034L
$\alpha$ 1-Antithrypsin	HD-AT3	ELISA, WB	ADG0035L
$\alpha$ 2 Macroglobulin	HD-a2M2	ELISA, WB, IP, IHC	ADG0038L
Cathepsin	HD-CG 8.1	IC, IHC	ADG0032L
Cathepsin	HD-CG 10.1	ELISA, IC, IHC	ADG0033L
EH domain binding protein 1 (EHBP1)	HD-pKe 83 3.3	WB, IC, IHC	ADG0013
12-Lipoxygenase (12-LOX/ALOX12)	13.4	ELISA	ADG0043
12-Lipoxygenase (12-LOX/ALOX12)	25.20	ELISA, WB, IHC	ADG0045
12-Lipoxygenase (12-LOX/ALOX12)	28.52	ELISA, WB, FACS	ADG0048
Membrane associated protein 17 (MAP17)	HD-pKe 192 2.1	WB, IC, IHC	ADG0014
PMN-Elastase	HD-ElaA 1.2.4	WB, IC, IHC	ADG0028
PMN-Elastase	HD-Ela 10.2	ELISA, IHC	ADG0029
PMN-Elastase	HD-Ela 15.3	ELISA, IHC	ADG0030
PMN-Elastase	HD-Ela 18.2.1	ELISA, IHC	ADG0031
PMN-Elastase	HD-Ela 6.4.2	WB, IC, IHC	ADG0018
SNF1LK (SNF1-like kinase)	HD-pKe 122 8.3	WB, IC, IHC	ADG0012
Tumor associated antigen L6 (TM4SF1)	HD-pKe 104 1.1	WB, IC, IHC	ADG0015
VAT1	HD-pKe 169 3.1	WB, IC, IHC	ADG0011

## 6. Products from the research box

**NEW!**

### B. Monoclonal Antibodies against Murine Antigens

Specificity	Clone	Applications	REF
Fibronectin	HD-FN 1a	ELISA	ADG0471L
Fibronectin	HD-FN 5b	ELISA	ADG0475L
Granzyme A	HD-TSP 6.3	WB, IHC	ADG0466L
Granzyme A	HD-TSP 7.1	WB, IHC	ADG0467L

**NEW!**

### C. Monoclonal Antibodies against *Borrelia burgdorferi* Antigens

Specificity	Clone	Applications	REF
41-kDa flagellin	LA-10	ELISA, WB, IC	ADG0093L
41-kDa flagellin	LA-21	ELISA, WB, IC	ADG0092L
41-kDa flagellin	LA-85.1	ELISA, WB, IC	ADG0094L
41-kDa flagellin	LA-87.1	ELISA, WB, IC	ADG0095L
BmpA/P39	LA-107.2	ELISA, WB, IC	ADG0103L
BmpA/P39	LA-108.2	ELISA, WB, IC	ADG0104L
BmpA/P39	LA-109.1	ELISA, WB, IC	ADG0105L
BmpA/P39	LA-110.1	ELISA, WB, IC	ADG0106L
BmpA/P39	LA-111	ELISA, WB, IC	ADG0107L
BmpA/P39	LA-112.1	ELISA, WB, IC	ADG0108L
CRASP-1/CspA	RH-1	ELISA, WB, IC	ADG0121L
CRASP-2/CspZ	CP-1	ELISA, WB, IC	ADG0122L
CRASP-2/CspZ	CP-2	ELISA, WB, IC	ADG0123L
CRASP-2/CspZ	CP-3	ELISA, WB, IC	ADG0124L
CRASP-3/ErpP	N38/1.1	ELISA, WB, IC	ADG0125L
HSP60	LA-18	ELISA, WB, IC	ADG0110L
HSP70	LA-3	ELISA, WB, IC	ADG0109L
Membrane Lipoprotein IpLa7	LA-7	ELISA, WB, IC	ADG0115L
OspA	LA-84.1	ELISA, WB, IC	ADG0080L
OspA	LA-2.2.1	ELISA, WB, IC	ADG0081L
OspA	LA-31.1	ELISA, WB, IC	ADG0083L
OspB	LA-25.1	ELISA, WB, IC	ADG0084L
OspB	LA-27.1	ELISA, WB, IC	ADG0085L
OspC	LA-97.1	ELISA, WB, IC	ADG0087L
OspC	LA-C1.3	ELISA, WB, IC	ADG0090L
OspC	LA-C3.4	ELISA, WB, IC	ADG0089L
OspC	LA-C4.1	ELISA, WB, IC	ADG0091L
Outer Membrane Protein 15-kDa	LA-88.1	ELISA, WB, IC	ADG0112L
Outer Membrane Protein 18-kDa	LA-82.1	ELISA, WB, IC	ADG0113L
Outer Membrane Protein 18-kDa	LA-83.1	ELISA, WB, IC	ADG0114L
Outer Surface Lipoprotein BBA03	A03-1.1	ELISA, WB, IC	ADG0116L

## 6. Products from the research box

**NEW!**

### C. Monoclonal Antibodies against *Borrelia burgdorferi* Antigens

Specificity	Clone	Applications	REF
Outer Surface Lipoprotein BBA03	A03-2.4	ELISA, WB, IC	ADG0117L
Outer Surface Lipoprotein BBA03	LA-95.1	ELISA, WB, IC	ADG0118L
Outer Surface Lipoprotein BBA36	A36-D4	ELISA, WB, IC	ADG0119L
Outer Surface Lipoprotein BBA66	A66-EE	ELISA, WB, IC	ADG0120L
p83/100 (BB0744)	LA-114.1	ELISA, WB, IC	ADG0111L

**NEW!**

### D. Monoclonal Antibodies against other *Borrelia* Antigens

Specificity	Clone	Applications	REF
<b><i>Borrelia afzelii</i></b>			
BaCRASP-1/CspA	BaC3/1.12	ELISA, WB, IC	ADG0170L
<b><i>Borrelia garinii</i></b>			
BGA70 (zqa70)	70-11/10.17	ELISA, WB, IC	ADG0150L
BGA71	71-11/14.1	ELISA, WB, IC	ADG0151L
CRASP-1	66-1/2.13	ELISA, WB, IC	ADG0152L
<b><i>Borrelia hermsii</i></b>			
BhCRASP-1	Bh-2.5	ELISA, WB, IC	ADG0171L
BhCRASP-1	Bh-3.1	ELISA, WB, IC	ADG0172L
<b><i>Borrelia miyamotoi</i></b>			
CbiA	BM-C1-J12/6.7	ELISA, WB, IC	ADG0174L
CbiA	BM-C1-R4/1.1	ELISA, WB, IC	ADG0175L
<b><i>Borrelia parkeri</i></b>			
BpcA	Bp-3/32.2	ELISA, WB, IC	ADG0173L
<b><i>Borrelia recurrentis</i></b>			
CihC	Brk2-47.1/BR2	ELISA, WB, IC	ADG0160L
HcpA	Br-1	ELISA, WB, IC	ADG0161L
HcpA	Br-4	ELISA, WB, IC	ADG0162L

## 6. Products from the research box

**NEW!**

### E. Monoclonal Antibodies against Ixodes ricinus Antigens

Specificity	Clone	Applications	REF
Tick Saliva Protein Cystatin_1 (SialoL)	Cyst1-1	ELISA, WB, IC	ADG0190L
Tick Saliva Protein Cystatin_1 (SialoL)	Cyst1-2	ELISA, WB, IC	ADG0191L
Tick Saliva Protein Cystatin_1 (SialoL)	Cyst2-1	ELISA, WB, IC	ADG0192L
Tick Saliva Protein Cystatin_1 (SialoL)	Cyst2-3	ELISA, WB, IC	ADG0193L
Tick Saliva Protein of 13kDa (Salp13)	II/64.1	ELISA, WB, IC	ADG0194L
Tick Saliva Protein of 15kDa (Salp15)	18/12.1	ELISA, WB, IC	ADG0195L
Tick Saliva Protein of 15kDa (Salp15)	19/7.4	ELISA, WB, IC	ADG0196L

**NEW!**

### F. Monoclonal Antibodies against Streptococcal Antigens

Specificity	Clone	Applications	REF
Streptococcal proteinase	HD-SP 3.1	WB	ADG0303L
Streptococcal proteinase	HD-SP 4.1	WB	ADG0304L
Streptococcal proteinase	HD-SP 5.1	WB	ADG0305L
Streptococcal proteinase	HD-SP 6.1	WB	ADG0306L
Streptococcal proteinase	HD-SP 10.1	WB	ADG0310L

#### Applications

**ELISA:** Enzyme Linked Immunosorbent Assay

**IC:** Immunocytology

**IHC:** Immunohistochemistry

**WB:** Western Blot

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