



Catalogue 2018

Products & Services

**Oligonucleotides
DNA & RNA**

**Immuno Affinity Chromatography
Mycotoxin & Vitamin Analysis**

**Therapeutic Biologicals Monitoring for
Dose Optimization & Drug Efficiency**

**Human Proteases & Drug Discovery
Protease Activity**

**Support for Assay Manufacturers
Customised Conjugates, Labelling & Coating Service**

**Surface Functionalization & Immobilisation of
Biomolecules with Streptavidin**

**ELISA Kit & Lateral Flow Test
Assay Development**

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Protein

CATALOGUE 2018

Drug discovery and molecular diagnostics		
Enzymes	Cat. No.	Package Size
MMPs		
MMP 1 (Interstitial Collagenase)	30 101 002	10 µg
MMP 2 (Progelatinase A)	30 100 602 30 100 603	10 µg/ 50 µl 200 µg/ 1 ml
MMP 3 (Stromelysin 1) catalytic domain	30 102 002	10 µg
MMP 8 (Neutrophil Procollagenase)	30 100 702	10 µg
MMP 9 Monomer (Progelatinase B)	30 100 502	10 µg
MMP 9/ Lipocalin/ TIMP 1 Complex	30 100 522	10 µg
MMP 9/ TIMP 1 Complex	30 100 532	10 µg
MMP 13 (Collagenase 3) catalytic domain	30 100 812 30 100 813	10 µg/ 50 µl 200 µg/ 1 ml
MMP 13 (Procollagenase 3), His-tagged	30 100 802 30 100 803	10 µg/ 50 µl 200 µg/ 1 ml
MMP 14 (MT1-MMP) catalytic domain	30 100 102 30 100 103	10 µg/ 50 µl 200 µg/ 1 ml
MMP 14 (MT1-MMP) prodomain, catalytic domain, His-tagged	30 100 112 30 100 113	10 µg/ 50 µl 200 µg/ 1 ml
MMP 14 (MT1-MMP) prodomain, catalytic domain, and hemopexin domain, His-tagged	30 100 122 30 100 123	10 µg/ 50 µl 200 µg/ 1 ml
MMP 14 (MT1-MMP) hemopexin domain, His-tagged	30 100 131 30 100 133	20 µg/ 100 µl 200 µg/ 1 ml
MMP 15 (MT2-MMP) catalytic domain	30 100 202 30 100 203	10 µg/ 50 µl 200 µg/ 1 ml
MMP 16 (MT3-MMP) catalytic domain	30 100 302 30 100 303	10 µg/ 50 µl 200 µg/ 1 ml
MMP 17 (MT4-MMP) catalytic domain, His-tagged	30 100 402 30 100 403	10 µg/ 50 µl 200 µg/ 1 ml
MMP 24 (MT5-MMP) catalytic domain, His-tagged	30 100 902 30 100 903	10 µg/ 50 µl 200 µg/ 1 ml

h: human; m: mouse; r: rat; rb: rabbit

MMP: **M**atrix**M**etallo**P**roteases

ADAMTS: **A** **D**isintegrin **A**nd **M**etalloprotease with **T**hrombospondin motifs

HtrA: **H**igh **t**emperature **r**equirement factor **A**



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Drug discovery and molecular diagnostics		
Enzymes	Cat. No.	Package Size
<i>ADAMTS</i>		
Recombinant Human ADAMTS1, truncated, His-tagged	30 400 402	5 µg/ 25 µl
	30 400 403	100 µg/500 µl
Recombinant Human ADAMTS4 (Aggrecanase1), truncated, His-tagged	30 400 102	5 µg/ 25 µl
	30 400 103	100 µg/500 µl
Recombinant Human ADAMTS5, (Aggrecanase2), truncated, His-tagged	30 400 502	5 µg/ 50 µl
	30 400 503	100 µg/1000 µl
<i>HtrAs</i>		
Recombinant Human HtrA1, His-tagged	30 600 102	5 µg/ 25 µl
	30 600 103	100 µg/ 500 µl
Recombinant Human HtrA1, truncated, His-tagged	30 600 112	5 µg/ 25 µl
	30 600 113	100 µg/ 500 µl
Recombinant Human HtrA3, His-tagged	30 600 502	5 µg/ 50 µl
	30 600 503	100 µg/ 1 ml
Recombinant Human HtrA4, His-tagged	30 600 402	5 µg/ 50 µl
	30 600 403	100 µg/ 1 ml
Recombinant Human HtrA4, truncated, His-tagged	30 600 412	5 µg/ 50 µl
	30 600 413	100 µg/ 1 ml
<i>Cathepsins</i>		
Procathepsin K	30 701 002	10 µg
	30 701 003	200 µg
<i>Aminopeptidases</i>		
Native Human Serum Aminopeptidase N	30 801 002	10 µg
	30 801 003	200 µg
<i>Cysteinproteinases</i>		
Native Human Dipeptidylpeptidase IV	30 802 002	10 µg
Native Porcine Dipeptidylpeptidase IV	30 802 101	25 mU/ 20 µl
	30 802 102	100 mU/ 80 µl
<i>Kinasen</i>		
Human Urokinase rekombinant	33 100 103	100 µg



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Drug discovery and molecular diagnostics		
Inhibitors	Cat. No.	Package Size
TIMP 1	30 111 002 30 111 003	10 µg 200 µg
alpha2-Macroglobulin	30 900 104	1 mg lyophilized
Alpha-1-Antitrypsin	30 900 105	1 mg lyophilized
Substrates	Cat. No.	Package Size
Proteoglycans human nasal septum cartilage extract	30 410 104	1 mg lyophilized
Proteoglycans bovine nasal septum cartilage extract	30 410 114	5 mg lyophilized
Proteoglycans human joint cartilage extract	30 410 204	1 mg lyophilized
Proteoglycans bovine joint cartilage extract	30 410 214	5 mg lyophilized
Collagen Type I human achillus tendon	30 410 304	1 mg lyophilized
Collagen Type II human nasal septum	30 410 424	1 mg lyophilized
Collagen Type II bovine nasal septum	30 410 414	5 mg lyophilized
Collagen Type II human joint cartilage	30 410 434	1 mg lyophilized
Collagen Type II bovine joint cartilage	30 410 404	5 mg lyophilized
Recombinant Aggrecan IGD (interglobular domain), His-tagged	30 411 004	100 µg/ 200 µl



Antibodies

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Drug discovery and molecular diagnostics		
Antibodies	Cat. No.	Package Size
rb-anti-h-MMP-1 (interstitial collagenase) (IgG), polyclonal	31 101 114	100 µg
rb-anti-h-MMP-2 (gelatinase A) (IgG), polyclonal	31 106 014	100 µg
rb-anti-h-MMP-3 (stromelysin 1) (IgG), polyclonal	31 102 224	100 µg
rb-anti-h-MMP-9 (gelatinase B) (IgG), polyclonal	31 108 014	100 µg
m-anti-h-MMP-13 (procollagenase 3), monoclonal, clone M53	31 105 104	100 µg/ 100 µl
m-anti-h-MMP-13 (procollagenase 3), monoclonal, clone M33	31 105 204	100 µg/ 100 µl
m-anti-h-MMP-13 (procollagenase 3), monoclonal, clone M66	31 105 304	100 µg/ 100 µl
rb-anti-h-MMP-14 (MT1-MMP) (IgG), polyclonal	31 101 004	100 µg/ 100 µl
m-anti-h-TIMP-2, monoclonal, clone T12	31 112 004	100 µg/ 100 µl
m-anti-h-TIMP-2, monoclonal, clone T75	31 112 104	100 µg/ 100 µl
rb-anti-h-Dipeptidylpeptidase IV (IgG), polyclonal	31 702 104	100 µg
rb-anti-h-Cathepsin K (IgG), polyclonal	31 701 104	100 µg
m-anti-h-Aggregan Neoepitope ARGSVIL, monoclonal, clone N38	31 411 004	100 µg/ 100 µl
rb-anti-h-ADAMTSS (IgG), polyclonal	31 405 004	100 µg/ 100 µl
rb-anti-m-Collagen Type I (IgG), polyclonal	31 410 104	100 µg
rb-anti-m-Collagen Type I BrCN Fragment (IgG), polyclonal	31 410 114	100 µg
rb-anti-m-Collagen Type I/III BrCN Fragment (IgG), polyclonal	31 410 204	100 µg
rb-anti-m-Collagen Type II BrCN Fragment (IgG), polyclonal	31 410 304	100 µg
rb-anti-m-Collagen Type III BrCN Fragment (IgG), polyclonal	31 410 404	100 µg



Protein

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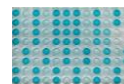
Drug discovery and molecular diagnostics		
Antibodies	Cat. No.	Package Size
rb-anti-h-Collagen Type V (IgG), polyclonal	31 410 504	100 µg
rb-anti-h-Collagen Type VI (IgG), polyclonal	31 410 604	100 µg
rb-anti-h-Collagen Type VII (IgG), polyclonal	31 410 704	100 µg
rb-anti-r-Collagen Type IX (IgG), polyclonal	31 410 804	100 µg
rb-anti-r-Collagen Type X (IgG), polyclonal	31 410 904	100 µg
m-anti-h-HtrA1 (IgG), monoclonal	31 601 004	100 µg
m-anti-h-HtrA3 (IgG), monoclonal	31 605 004	100 µg
m-anti-h-HtrA4(IgG), monoclonal	31 604 004	100 µg
m-anti-RBM3 (IgG), monoclonal	12 100 001	100 µg
m-anti-h- COMT (IgG); monoclonal	12-200 001	100 µg
Other Proteins		
human -RBM3 recombinant	12 110 002 12 110 003	10 µg 200 µg
human soluble COMT recombinant V158M	12 210 102	100 µg
Human soluble COMT recombinant	12 210 202	100 µg
Zymography Control		
MMP 2 Zymography Control	30 131 002	250 µl/ 50 lanes
Zymography Service		
Activity Analysis - adapted for MMPs	on request at pro@biotez.de	



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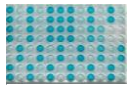
2018



Assays

Drug discovery and molecular diagnostics		
Assays	Cat. No.	Package Size
Proteins		
ELISA MMP-13	30 518 101	1 Microplate/ 96 determinations
ACTIVITY Aggrecanase Assay	30 510 111	1 Microplate/ 96 determinations
ACTIVITY Sensitive Aggrecanase Assay	30 510 211	1 Microplate/ 96 determinations
HtrA1 ELISA	30 516 101	1 Microplate/ 96 determinations
Universal Protease Activity ELISA Quantitative activity determination for HtrA-, MMP, ADAMTS-Protease and others, using HtrA1 as standard	30 516 103	1 Microplate/ 96 determinations
EXTRACT HtrA1 mini	30 501 101	10 extractions
EXTRACT HtrA1 maxi	30 501 102	10 extractions
EXTRACT & BLOT HtrA1 mini	30 501 103	10 extractions & 10 blots
EXTRACT & BLOT HtrA1 maxi	30 501 104	10 extractions & 10 blots
HtrA3 ELISA	30 516 501	1 Microplate/ 96 determinations
EXTRACT HtrA3 mini	30 501 501	10 extractions
EXTRACT HtrA3 maxi	30 501 502	10 extractions
EXTRACT & BLOT HtrA3 mini	30 501 503	10 extractions & 10 blots
EXTRACT & BLOT HtrA3 maxi	30 501 504	10 extractions & 10 blots
HtrA4 ELISA	30 516 401	1 Microplate/ 96 determinations
EXTRACT HtrA4 mini	30 501 401	10 extractions
EXTRACT HtrA4 maxi	30 501 402	10 extractions
EXTRACT & BLOT HtrA4 mini	30 501 403	10 extractions & 10 blots
EXTRACT & BLOT HtrA4 maxi	30 501 404	10 extractions & 10 blots

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Assays

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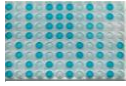
Antibodies

Therapeutic Drug Monitoring & Companion Diagnostics/ELISA/Quick tests

Assays	Cat. No.	Package Size
<i>Therapeutic Drug Monitoring (antibodies as drugs)</i>		
<i>recovery</i> ELISA IgE/Omalizumab Kit (RIO) IvD, CE certified	R111	1 Microplate/ 7 determinations
<i>recovery</i> ELISA TNF α Neutralization Rate/Adalimumab Kit (RTA), IvD, CE certified	R222	1 Microplate/ 7 determinations
<i>recovery</i> ELISA TNF α Neutralization Rate/Infliximab Kit (RTI)	R444	1 Microplate/ 7 determinations
<i>recovery</i> ELISA PCSK9 Neutralization Rate/ Evolocumab Kit (RRE)	R777	1 Microplate/ 7 determinations
<i>recovery</i> ELISA as a service for the biological of your choice on request at info@biotez.de	Rxxx	1 Microplate/ 7 determinations
RBM3 ELISA	BTRBM-001	1 Microplate/ 96 determinations
RBM3 Lateral Flow Quick test on request at pro@biotez.de	BTRBM-LF	1000 quick test stripes



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Assays

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Antibodies

Mycotoxin, vitamin, hormone and drug analysis		
Antibodies	Cat. No.	Package Size
<i>Mycotoxins</i>		
anti-Aflatoxin G1/G2, monoclonal, clone BCAB1313	11 113 001 11 113 010	0.1 mg lyophilized 1 mg lyophilized
anti-Aflatoxin B1, monoclonal, clone BCAB1310	11 110 001 11 110 010	0.1 mg lyophilized 1 mg lyophilized
anti-Aflatoxin B2, monoclonal, clone BCAB1311	11 111 001 11 111 010	0.1 mg lyophilized 1 mg lyophilized
anti-Aflatoxin B2, monoclonal, clone BCAB1312	11 112 001 11 112 010	0.1 mg lyophilized 1 mg lyophilized
anti-Ochratoxin A, monoclonal, clone BCAB1320	11 120 001 11 120 010	0.1 mg lyophilized 1 mg lyophilized
anti-Zearalenon, monoclonal, clone BCAB1330	11 130 001 11 130 010	0.1 mg lyophilized 1 mg lyophilized
anti-Fumonisin, monoclonal, clone BCAB1340	11 140 001 11 140 010	0.1 mg lyophilized 1 mg lyophilized
anti-Deoxynivalenol, monoclonal, clone BCAB1350	11 150 001 11 150 010	0.1 mg lyophilized 1 mg lyophilized
anti-T-2 Toxin, monoclonal, clone BCAB1360	11 160 001 11 160 010	0.1 mg lyophilized 1 mg lyophilized
anti-Ergot Alkaloids, monoclonal, clone BCAB1370	11 170 001 11 170 010	0.1 mg lyophilized 1 mg lyophilized
<i>Vitamins, hormones, antibiotics</i>		
anti-Vitamin B12, monoclonal, clone BCAB1341	11 410 001 11 410 010	0.1 mg lyophilized 1 mg lyophilized
anti-Folic Acid, monoclonal, clone BCAB1342	11 420 001 11 420 010	0.1 mg lyophilized 1 mg lyophilized
anti-Estradiol, monoclonal, clone BCAB1351	11 510 001 11 510 010	0.1 mg lyophilized 1 mg lyophilized
anti-Streptomycin, monoclonal, clone BCAB1331	11 310 001 11 310 010	0.1 mg lyophilized 1 mg lyophilized
anti-Chloramphenicol, monoclonal, clone BCAB1332	11 320 001 11 320 010	0.1 mg lyophilized 1 mg lyophilized
Immunoassays	Cat. No.	Package Size
B-TeZ ELISA Aflatoxin B1	BTAF EK-001	1 Microplate/ 96 determinations
B-TeZ ELISA Deoxynivalenol	BTDOEK-001	1 Microplate/ 96 determinations



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Mycotoxin, vitamin, hormone and drug analysis			
Immunoaffinity columns		Cat. No.	Package Size
<i>Mycotoxins</i>			
B-TeZ IAC Aflatoxin	3 ml	BTAF310005	10 columns
B-TeZ IAC Aflatoxin	1 ml	BTAF110005	10 columns
B-TeZ IAC Aflatoxin M1	3 ml	BTAFM311005	10 columns
B-TeZ IAC Aflatoxin M1	1 ml	BTAFM311005	10 columns
B-TeZ IAC Ochratoxin	3 ml	BTOT312005	10 columns
B-TeZ IAC Ochratoxin	1 ml	BTOT112005	10 columns
B-TeZ IAC Deoxynivalenol	3 ml	BTDO313005	10 columns
B-TeZ IAC Deoxynivalenol	1 ml	BTDO113005	10 columns
B-TeZ IAC Fumonisin	3 ml	BTFU314005	10 columns
B-TeZ IAC Fumonisin	1 ml	BTFU114005	10 columns
B-TeZ IAC Zearalenon	3 ml	BTZE315005	10 columns
B-TeZ IAC Zearalenon	1 ml	BTZE115005	10 columns
B-TeZ IAC T2/HT2	3 ml	BTTE316005	10 columns
B-TeZ IAC T2/HT2	1 ml	BTTE116005	10 columns
B-TeZ IAC Combi Aflatoxin + Ochratoxin	3 ml	BTCA321005	10 columns
B-TeZ IAC Combi Aflatoxin + Ochratoxin	1 ml	BTCA121005	10 columns
B-TeZ IAC Combi Aflatoxin + Ochratoxin + Zearalenon	3 ml	BTCZ322005	10 columns
B-TeZ IAC Combi Deoxynivalenol + Zearalenon	3 ml	BTCD323005	10 columns
B-TeZ IAC Combi AOZDFT for LC-MS/MS (Afla, Ochra, Zeara, DON, Fumo, T2/HT2 in one IAC)	3 ml	BTCM326005	10 columns
B-TeZ IAC Ergot Alkaloids	3 ml	BTLS327005	10 columns

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Columns

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Coating

Mycotoxin, vitamin, hormone and drug analysis			
Immunoaffinity columns		Cat. No.	Package Size
<i>Vitamins and hormones</i>			
B-TeZ IAC Biotin	3 ml	BTSA317005	10 columns
B-TeZ IAC Vitamin B12	3 ml	BTCA318005	10 columns
B-TeZ IAC Folic Acid	3 ml	BTFS319005	10 columns
B-TeZ IAC Estradiol	3 ml	BTES320005	10 columns
Coatings			
Coated microplates		Cat. No.	Package Size
Streptavidin-coated 8-well strip plate, C well, clear Polystyrene		F8PS-CL-SC	5 plates
Polystreptavidin-coated 8-well strip plate, C well, clear Polystyrene		F8PS-CL-MC	5 plates

Streptavidin coating kit		Cat. No.	Package Size
BioTeZ Streptavidin Coating Kit Reagents for Streptavidin Coating on beads, chips, membranes etc.		BTCK-SC0125 BTCK-SC0500	1 Kit/ 125 ml solution 1 Kit/ 500 ml solution
BioTeZ Polystreptavidin R Coating Kit Reagents for Polystreptavidin R Coating on beads, chips, membranes etc.		BTCK-MC0125 BTCK-MC0500	1 Kit/ 125 ml solution 1 Kit/ 500 ml solution
BioTeZ Polystreptavidin R Coating Kit Glass Reagents for Polystreptavidin R Coating on glass		BTCKG-MC0125 BTCKG-MC0500	1 Kit/ 125 ml solution 1 Kit/ 500 ml solution
Service for microplates, beads, membranes, biochips etc.			
Streptavidin coating		on request at info@biatez.de	
Antibody coating		on request at info@biatez.de	
Immune conjugate coating		on request at info@biatez.de	
ELISA Development as a service		on request at info@biatez.de	
Opal Labelling System Alternative or combine with Biotin/Streptavidin		on request at info@biatez.de	



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Service

Streptavidin	Cat. No.	Package Size
Recombinant Streptavidin	10 110 005 10 110 010 10 110 050 10 110 100	0.5 mg lyophilized 1 mg lyophilized 5 mg lyophilized 10 mg lyophilized
Polystreptavidin R (Polystrept R) Very high Biotin binding capacity	10 120 005 10 120 010 10 120 050 10 120 100	0.5 mg / 125 µl 1 mg / 250 µl 5 mg / 1.25 ml 10 mg / 2.50 ml
Recombinant Streptavidin, FITC-labelled	20 400 001	100 mg / 1 ml
Recombinant Streptavidin, Poly-HRP-labelled	20 201 001	100 mg / 1 ml
Recombinant Streptavidin, Carbon Black Label	20 500 001 info@biatez.de	info@biatez.de
Services		
Affinity chromatography tool	Cat. No.	Package Size
BioTeZ IAC Kit for affinity column preparation Pre-activated chromatography gel medium incl. empty columns	BTIAK-0205	2 ml gel / 5 columns
BioTeZ IAC Gel Pre-activated chromatography gel medium	BTIAG-0010 BTIAG-0050 BTIAG-0100	10 ml 50 ml 100 ml



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Service

Services		
Labelling and Synthesis Service	Cat. No.	Scale
BioTeZ Biotinylation Kit Reagents for the Biotinylation of 1 – 10 mg antibody or other biomolecules	BTBIOK-05 BTBIOK-10	For 5 labels For 10 labels
BioTeZ Peroxidase Labelling Kit Preparation of HRP labels using highly activated Poly-HRP	BTHRPK-03 BTHRPK-05	For 3 labels For 5 labels
HRP label as a service	50 100 001	up to 2 mg
Poly-HRP label as a service	50 200 001	up to 2 mg
Biotin label (Biotinylation) as a service	50 300 001	up to 2 mg
FITC label as a service	50 400 001	up to 2 mg
Europium label as a service	50 410 001	up to 2 mg
Customized fluorescent labelling	50 500 001	up to 2 mg
Customized immune conjugate preparation (hapten conjugate)	50 600 001	up to 2 mg
Oligonucleotide-labelled antibodies as a service	50 700 001	up to 2 mg
Oligonucleotides Synthesis Service <i>oligos@biatez.de</i>		
Standard Size of Synthesis: 10nmol, 40nmol, 200nmol, 1000nmol		
DNA-Oligonucleotides (unmodified and modified, Wobble, libraries etc.)	Quote or separate catalogue available at oligos@biatez.de	
siRNA-Oligonucleotides , Chimere Oligonucleotides , Oligonucleotides in microplates	Quote or separate catalogue available at oligos@biatez.de	
RNA-Oligonucleotides (unmodified and modified)	Quote or separate catalogue available at oligos@biatez.de	
Label examples: Aminohexyl, Biotin, Digoxigenin, Phosphorthioate, FITC, TRITC, Rhodamin, 6-Fam, Hex, Tet, Tamra, Rox, Joe, Cy5, Cy3, BHQ1, BHQ2, Dabcyl, DNP, Phosphorylation	Quote or separate catalogue available at oligos@biatez.de	
TaqMan probes	Quote or separate catalogue available at oligos@biatez.de	
Gene Synthesis	Quote available at oligos@biatez.de	

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