



CATALOGUE 2017

Products & Services

Oligonucleotides
DNA/RNA

Immuno Affinity Chromatography
Mycotoxin & Vitamin Analysis

Diagnostics: Monitoring Biologics as Drugs
Dose optimization
Drug Efficiency

ELISA Kits
Assay Development
Assay Components

Support for Assay Manufacturers:
Conjugates
Labelling Service & Kits
Coating Service & Kits

Surface Functionalizing:
Immobilisation with
Streptavidin Systems

Human Proteases
Drug Discovery
Protease Activity



CATALOGUE

2017

Proteins

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 Complex	30 100 512	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**epirement factor **A**

Last update: October 2016



CATALOGUE

2017

Drug discovery and molecular diagnostics		
Enzymes	Cat. No.	Package Size
ADAMTS		
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
HtrAs		
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
Elastase		
Neutrophil Elastase	30 600 202	25 µg/ 50 µl
	30 600 203	200 µg/ 1 ml
Cathepsins		
Cathepsin G	30 600 302	25 µg
	30 600 303	200 µg
Procathepsin K	30 701 002	10 µg
	30 701 003	200 µg
Aminopeptidases		
Native Human Serum Aminopeptidase N	30 801 002	10 µg
	30 801 003	200 µg
Cysteinproteinases		
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
Kinasen		
Rekombinant human Urokinase	33 100 103	100 µg

Last update: October 2016



CATALOGUE

2017

Drug discovery and molecular diagnostics		
<i>Bacterial Proteases</i>		
Aureolysin <i>Staphylococcus aureus</i>	32 100 103	100 µg
Glutamyl Endopeptidase <i>Staphylococcus aureus</i>	32 100 203	100 µg
Inhibitors	Cat. No.	Package Size
TIMP 1	30 111 002	10 µg
	30 111 003	200 µg
TIMP 2	30 112 002	10 µg
	30 112 003	200 µg
alpha2-Macroglobulin	30 900 104	1 mg lyophilized
Alpha-1-Antitrypsin	30 900 105	1 mg lyophilized
Antithrombin-III	30 900 106	100 µg lyophilized
Aprotinin bovine	30 900 108	10 mg
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

Last update: October 2016

CATALOGUE

2017



Antibodies

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-ADAMTS5 (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

Last update: October 2016

CATALOGUE

2017



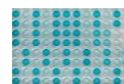
Antibodies

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
Other Proteins		
human-recombinant-RBM3	12 110 002 12 110 003	10 µg 200 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	



CATALOGUE

2017

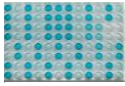


Assays

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 (established for quantitative activity determination for HtrA-, MMP-, ADAMTS-Protease among other, 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
RBM3 ELISA	BTRBM-001	1 Microplate/ 96 determinations
RBM3 Quick test (on request)	BTRBM-LF	1000 quick test stripes



Last update: October 2016



Assays

CATALOGUE 2017

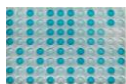


Antibodies

Therapeutic Drug Monitoring /Companion Diagnostics

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/Alirocumab Kit (RPA)	R555	1 Microplate/ 7 determinations

Soon



Assays

CATALOGUE 2017



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		
B-TeZ ELISA Aflatoxin B1	Cat. No. BTAFEK-001	Package Size 1 Microplate/ 96 determinations
B-TeZ ELISA Deoxynivalenol	BTDOEK-001	1 Microplate/ 96 determinations



Last update: October 2016

CATALOGUE

2017



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 1 IAC)	3 ml	BTCM326005	10 columns
B-TeZ IAC Ergot Alkaloids	3 ml	BTLS327005	10 columns



Last update: October 2016

CATALOGUE

2017



Columns



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
Streptavidin-coated 8-well strip plate, C well, black Polystyrene		F8PS-BL-SC	5 plates
Polystreptavidin-coated 8-well strip plate, C well, clear Polystyrene		F8PS-CL-MC	5 plates
Polystreptavidin-coated 8-well strip plate, C well, black Polystyrene		F8PS-BL-MC	5 plates
Polystreptavidin-coated 96-well plate, V well, natural Polypropylene		V96PP-NT-MC	5 plates
Polystreptavidin-coated 384-well plate, V well, natural Polypropylene		V384PP-NT-MC	5 plates
Antibody (Goat anti-Rabbit)-coated 8-well strip plate, C well, clear Polystyrene		F8PS-CL-GR	5 plates
Antibody (Goat anti-Rabbit)-coated 8-well strip plate, C well, black Polystyrene		F8PS-BL-GR	5 plates
Protein G-coated 8-well strip plate, C well, clear Polystyrene		F8PS-CL-PG	5 plates
Protein G-coated 8-well strip plate, C well, black Polystyrene		F8PS-BL-PG	5 plates

Last update: October 2016

CATALOGUE

2017



Coating

Coatings		
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	
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) Extraordinary 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, Poly-HRP-labelled	20 201 001	100 µg / 1 ml
Recombinant Streptavidin, FITC-labelled	20 400 001	100 µg / 1 ml
Carbon Black Label	20 500 001 on request at 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



CATALOGUE 2017



Service

Services		
Labelling and Synthesis Service	Cat. No.	Scale
BioTeZ Biotinylation Kit Reagents for the Biotinylation of 1 – 10 mg antibody/ other protein	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
Preparation of HRP label	50 100 001	up to 2 mg
Preparation of Poly-HRP label	50 200 001	up to 2 mg
Preparation of Biotin label (Biotinylation)	50 300 001	up to 2 mg
Preparation of FITC label	50 400 001	up to 2 mg
Preparation of Europium label	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
Preparation of Oligonucleotide-labelled antibodies	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: Aminoethyl, 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	



CATALOGUE 2017

CATALOGUE 2017

CATALOGUE 2017



Send your order to:



BioTeZ Berlin-Buch GmbH
Robert-Rössle Str. 10
13125 Berlin
Germany



+49 (0) 30 9489 2130



+49 (0) 30 949 4509

WWW
www.biotez.de



info@biotez.de
pro@biotez.de