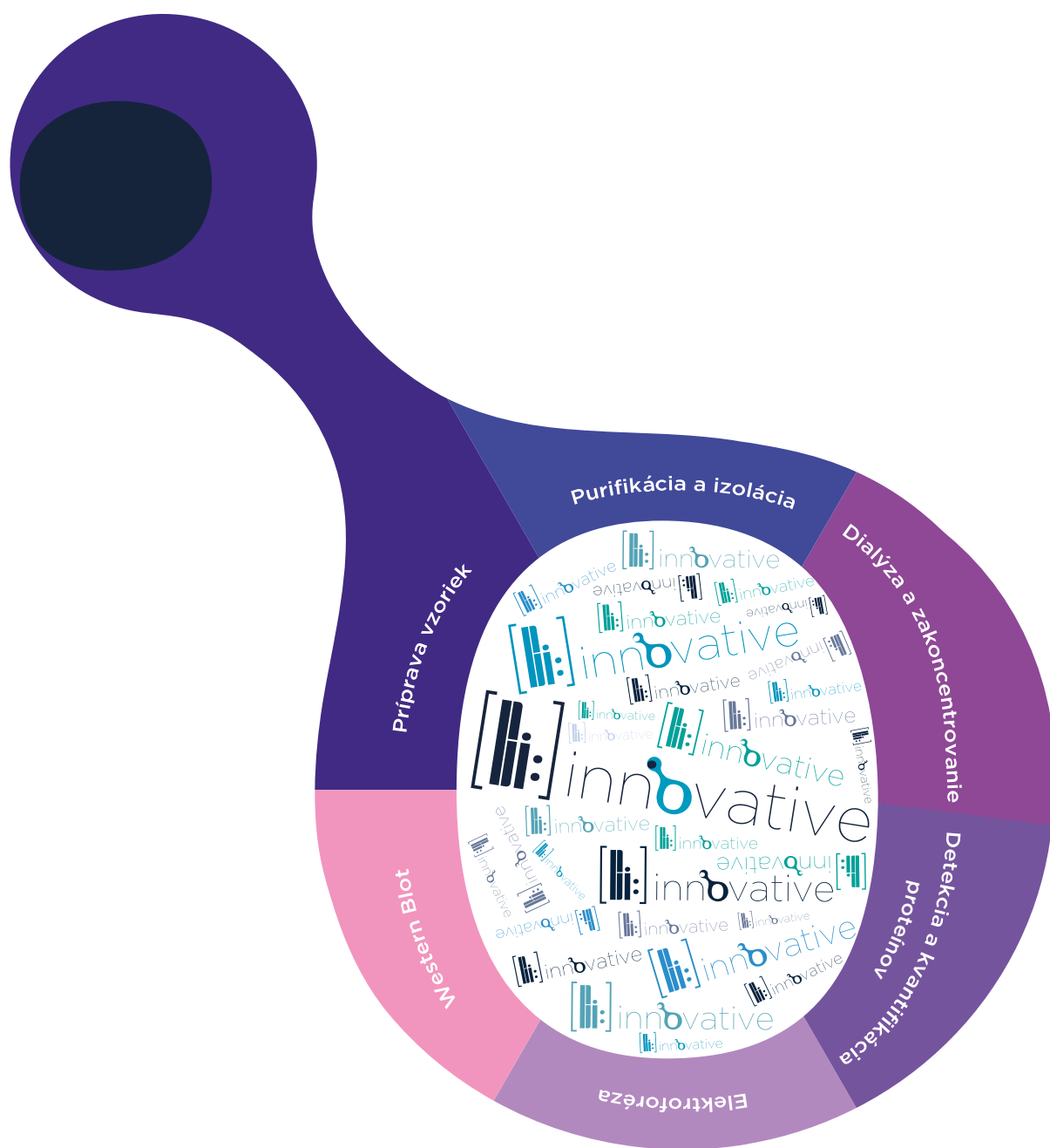




Bionavigátor

analýza proteínov





SERVA

Od prípravy vzorky
až k identifikácii



Obsah

1.	Príprava vzoriek	2
1.1	Lýza buniek	2
1.2	Inhibítory fosfatáz a proteáz	2
2.	Dialýza a zakoncentrovanie	3
2.1	Nástroje pre dialýzu	3
2.2	Zakoncentrovanie.....	3
3.	Purifikácia a izolácia	4
3.1	Kity pre extrakciu	4
3.2	Izolácia - purifikačné guľôčky	4
3.3	Purifikačné kolónky	5
4.	Elektroforéza	6
4.1	Prekastové gély a IPG stripy	6
4.2	Farbenie	7
4.3	Markery a štandardy.....	8
4.4	Reagencie	8
4.5	Detergenty a pufre	9
5.	Western Blot.....	10
5.1	Membrány.....	10
5.2	Blokovanie.....	10
5.3	Chemiluminiscenčné substráty	11
5.4	Stripovanie.....	11
5.5	Filmy.....	11
6.	Detekcia a kvalifikácia proteínov	12

1. Príprava vzoriek

1.1 Lýza buniek

Kat. č.	Názov	Balenie	Cena
9803S	Cell Lysis Buffer (10x)	15 ml	75,00 €
9806S	RIPA Buffer (10x)	15 ml	75,00 €
7722S	Blue Loading Buffer Pack	1 balenie	21,00 €
ab156035-15ml	Native lysis Buffer	15 ml	54,00 €
ab156034-15ml	10x RIPA Buffer	15 ml	76,00 €
ab152163-15ml	Cell Lysis Buffer	15 ml	120,00 €
ab179835-10ml	Mammalian Cell Lysis Buffer 5x	10 ml	105,00 €
ab204733-100ml	Red Blood Cell (RBC) Lysis Buffer	100 ml	71,00 €

1.2 Inhibítory fosfatáz a proteáz

Kat. č.	Názov	Balenie	Cena
3905001	Phosphatase-Inhibitor-Mix I, powder, mixture of 5 water-soluble inhibitors	1 vialka	54,00 €
3905002	Phosphatase-Inhibitor-Mix I, powder, mixture of 5 water-soluble inhibitors	5 vialiek	223,00 €
3905501	Phosphatase-Inhibitor-Mix II, solution, mixture of 7 different inhibitors	1 vialka	86,00 €
3905502	Phosphatase-Inhibitor-Mix II, solution, mixture of 7 different inhibitors	5 vialiek	248,00 €
P0758S	Sodium Orthovanadate (Vanadate)	1 ml	36,00 €
3910101	Protease-Inhibitor Mix G, mixture of 5 water-soluble protease inhibitors	1 vialka	41,00 €
3910102	Protease-Inhibitor Mix G, mixture of 5 water-soluble protease inhibitors	5 vialiek	170,00 €
3910201	Protease-Inhibitor Mix M, Mixture of 6 protease inhibitors	1 vialka	72,00 €
3910202	Protease-Inhibitor Mix M, Mixture of 6 protease inhibitors	5 vialiek	289,00 €
3910301	Protease-Inhibitor Mix P, mixture of 6 protease inhibitors	1 vialka	66,00 €
3910302	Protease-Inhibitor Mix P, mixture of 6 protease inhibitors	5 vialiek	255,00 €
3910401	Protease-Inhibitor Mix FY, mixture of 4 protease inhibitors	1 vialka	54,00 €
3910402	Protease-Inhibitor Mix FY, mixture of 4 protease inhibitors	5 vialiek	231,00 €
3910501	Protease-Inhibitor Mix B, mixture of 5 protease inhibitors	1 vialka	66,00 €
3910502	Protease-Inhibitor Mix B, mixture of 5 protease inhibitors	5 vialiek	255,00 €
3910601	Protease-Inhibitor Mix HP, mixture of 4 water-soluble protease inhibitors	1 vialka	41,00 €
3910602	Protease-Inhibitor Mix HP, mixture of 4 water-soluble protease inhibitors	5 vialiek	170,00 €
3910701	Protease-Inhibitor Mix HP PLUS, mixture of 6 protease inhibitors	1 vialka	70,00 €
3910702	Protease-Inhibitor Mix HP PLUS, mixture of 6 protease inhibitors	5 vialiek	288,00 €
3239502	Phenylmethylsulfonyl fluoride	5 g	39,00 €
3239503	Phenylmethylsulfonyl fluoride	25 g	123,00 €
5268202	Pepstatin A	5 g	34,00 €
5268203	Pepstatin A	25 g	116,00 €
2608101	Imidazole	100 g	40,00 €
2333002	2-Glycerolphosphate·Na ₂ -salt	100 g	147,00 €
1274501	AEBSF-HCl, research grade	100 mg	48,00 €
8553S	PMSF, phenylmethanesulfonyl fluoride - inhibitor of serine proteases	34,84 mg	21,00 €
5872S	Protease/Phosphatase Inhibitor Cocktail (100X)	1 ml	311,00 €
5871S	Protease Inhibitor Cocktail (100X)	1 ml	134,00 €
5870S	Phosphatase Inhibitor Cocktail	1 ml	268,00 €
A32953	Pierce Protease Inhibitor Mini Tablets	30 tablet	132,00 €
78442	Halt Protease and Phosphatase Inhibitor Single-Use Cocktail (100X)	24 x 100 µl	346,00 €
78444	Halt Protease and Phosphatase Inhibitor Single-Use Cocktail (100X)	5 x 1 ml	583,00 €
78443	Halt Protease and Phosphatase Inhibitor Cocktail, EDTA-free (100X)	24 x 100 µl	330,00 €
78445	Halt Protease and Phosphatase Inhibitor Cocktail, EDTA-free (100X)	5 x 1 ml	573,00 €



Xpress Dialyzer Family



Xpress Micro Dialyzer 100
(10 - 100 µl)



Xpress Micro Dialyzer 300
(50 - 300 µl)



Xpress Equilibrium Dialyzer
(50 - 300 µl)



Xpress Mini Dialyzer
(150 - 1 000 µl)

2. Dialýza a zakoncentrovanie

2.1 Nástroje pre dialýzu

Kat. č.	Názov	Balenie	Cena
40932	Xpress Micro Dialyzer, 2 kDa, 0,01 - 0,1 ml	1 sada	566,00 €
40072	Xpress Micro Dialyzer, 3,5 kDa, 0,01 - 0,1 ml	1 sada	472,00 €
40076	Xpress Micro Dialyzer, 6 - 8 kDa, 0,01 - 0,1 ml	1 sada	472,00 €
40078	Xpress Micro Dialyzer, 12 - 14 kDa, 0,01 - 0,1 ml	1 sada	472,00 €
40934	Xpress Micro Dialyzer, 20 kDa, 0,01 - 0,1 ml	1 sada	495,00 €
40930	Xpress Micro Dialyzer, 140 kDa, 0,01 - 0,1 ml	1 sada	690,00 €
40957	Xpress Equilibrium Dialyzer, 2 kDa, 0,05 - 0,3 ml	1 sada	566,00 €
40891	Xpress Equilibrium Dialyzer, 3,5 kDa, 0,05 - 0,3 ml	1 sada	472,00 €
40893	Xpress Equilibrium Dialyzer, 6 - 8 kDa, 0,05 - 0,3 ml	1 sada	472,00 €
40895	Xpress Equilibrium Dialyzer, 12 - 14 kDa, 0,05 - 0,3 ml	1 sada	472,00 €
40939	Xpress Equilibrium Dialyzer, 20 kDa, 0,05 - 0,3 ml	1 sada	495,00 €
40937	Xpress Equilibrium Dialyzer, 140 kDa, 0,05 - 0,3 ml	1 sada	690,00 €
41024	Xpress Dialysis Reactor, 3,5 kDa, 1 - 19 ml	1 sada	238,00 €
41027	Xpress Dialysis Reactor, 6 - 8 kDa, 1 - 19 ml	1 sada	238,00 €
41030	Xpress Dialysis Reactor, 12 - 14 kDa, 1 - 19 ml	1 sada	238,00 €
69552	Slide-A-lyzer MINI Dialysis Device, 3,5 kDa, 0,1 ml	250 ks	654,00 €
69562	Slide-A-lyzer MINI Dialysis Device, 7 kDa, 0,1 ml	250 ks	657,00 €
69572	Slide-A-lyzer MINI Dialysis Device, 10 kDa, 0,1 ml	250 ks	654,00 €
69555	Slide-A-lyzer MINI Dialysis Device, 20 kDa, 0,1 ml	250 ks	650,00 €
87719	Slide-A-lyzer G2 Dialysis Cassettes, 2 kDa, 15 ml	8 kaziet	159,00 €
87721	Slide-A-lyzer G2 Dialysis Cassettes, 2 kDa, 70 ml	6 kaziet	195,00 €
87724	Slide-A-lyzer G2 Dialysis Cassettes, 3,5 kDa, 15 ml	8 kaziet	159,00 €
87726	Slide-A-lyzer G2 Dialysis Cassettes, 3,5 kDa, 70 ml	6 kaziet	191,00 €
87727	Slide-A-lyzer G2 Dialysis Cassettes, 7 kDa, 0,5 ml	10 kaziet	123,00 €
87728	Slide-A-lyzer G2 Dialysis Cassettes, 7 kDa, 3 ml	10 kaziet	126,00 €
87733	Slide-A-lyzer G2 Dialysis Cassettes, 10 kDa, 70 ml	6 kaziet	194,00 €
87738	Slide-A-lyzer G2 Dialysis Cassettes, 20 kDa, 70 ml	6 kaziet	195,00 €
66230	Slide-A-lyzer Dialysis Cassettes, 2 kDa, 30 ml	6 kaziet	126,00 €
66130	Slide-A-lyzer Dialysis Cassettes, 3,5 kDa, 30 ml	6 kaziet	125,00 €
66373	Slide-A-lyzer Dialysis Cassettes, 7 kDa, 0,5 ml	10 kaziet	124,00 €
66710	Slide-A-lyzer Dialysis Cassettes, 7 kDa, 12 ml	8 kaziet	159,00 €
66830	Slide-A-lyzer Dialysis Cassettes, 10 kDa, 30 ml	6 kaziet	123,00 €
66012	Slide-A-lyzer Dialysis Cassettes, 20 kDa, 12 ml	8 kaziet	158,00 €
66030	Slide-A-lyzer Dialysis Cassettes, 20 kDa, 30 ml	6 kaziet	126,00 €
88242	SnakeSkin Dialysis Tubing, 3,5 kDa, 16 mm	10,5 m	171,00 €
68035	SnakeSkin Dialysis Tubing, 3,5 kDa, 22 mm	10,5 m	202,00 €
88244	SnakeSkin Dialysis Tubing, 3,5 kDa, 35 mm	10,5 m	200,00 €
68700	SnakeSkin Dialysis Tubing, 7 kDa, 22 mm	10,5 m	202,00 €
88243	SnakeSkin Dialysis Tubing, 10 kDa, 16 mm	10,5 m	171,00 €
68100	SnakeSkin Dialysis Tubing, 10 kDa, 22 mm	10,5 m	202,00 €
88245	SnakeSkin Dialysis Tubing, 10 kDa, 35 mm	10,5 m	200,00 €

2.2 Zakoncentrovanie

Kat. č.	Názov	Balenie	Cena
88526	Pierce Protein Concentrator PES, 3 kDa, 5 - 20 ml	24 reakcií	276,00 €
88528	Pierce Protein Concentrator PES, 10 kDa, 5 - 20 ml	24 reakcií	276,00 €
88531	Pierce Protein Concentrator PES, 30 kDa, 5 - 20 ml	24 reakcií	276,00 €
88533	Pierce Protein Concentrator PES, 100 kDa, 5 - 20 ml	24 reakcií	276,00 €
4222601	Proteus X - Spinner 2,5 TRIAL Columns, assorted (2 x 5 kDa, 3 x 10 kDa, 2 x 20 kDa, 3 x 100 kDa, 2 x 300 kDa)	12 ks	168,00 €
4222701	Proteus X - Spinner 2,5, 5 kDa	24 ks	286,00 €
4222901	Proteus X - Spinner 2,5, 10 kDa	24 ks	286,00 €
4223101	Proteus X - Spinner 2,5, 20 kDa	24 ks	286,00 €
4223301	Proteus X - Spinner 2,5, 100 kDa	24 ks	286,00 €
4223501	Proteus X - Spinner 2,5, 300 kDa	24 ks	286,00 €

3. Purifikácia a izolácia

3.1 Kity pre extrakciu

Kat. č.	Názov	Balenie	Cena
9038S	Cell Fractionation Kit	1 kit	268,00 €
ab206998-10test	Cell surface protein isolation kit	10 izolácií	556,00 €
ab206999-50test	Plant tissue extraction kit	50 izolácií	446,00 €
ab113476-100test	Histone Extraction Kit	100 izolácií	241,00 €
ab113474-100test	Nuclear Extraction Kit	100 izolácií	241,00 €
ab65400-50test	Plasma Membrane Protein Extraction Kit	50 izolácií	622,00 €
ENZ - 45016 - 0100	EPIXTRACT Nuclear Protein Isolation Kit	100 izolácií	275,00 €
ENZ - 45015 - 0100	EPIXTRACT Nuclear Protein Isolation Kit II	100 izolácií	268,00 €
ENZ - 45014 - 0100	EPIXTRACT Total Histone Extraction Kit	100 izolácií	226,00 €
ENZ - 45013 - 0002	EPIXTRACT Total Histone Extraction Kit (High Throughput)	2 x 96 izolácií	356,00 €
C20000021	Protein Extraction beads	20 g	102,00 €
C20000020	Protein Extraction kit for Bioruptor Plus	50 reakcií	365,00 €
ab110171	Mitochondria Isolation Kit for Cultured Cells (with Dounce Homogenizer)	1 kit	395,00 €
FNN0011	Cell Extraction Buffer	100 ml	178,00 €
FNN0091	Denaturing Cell Extraction Buffer	100 ml	129,00 €

3.2 Izolácia - purifikačné guľôčky

Kat. č.	Názov	Balenie	Cena
1101	LOABeads PrtA30-5 ml	5 ml	1 258,00 €
1102	LOABeads PrtA30-10 ml	10 ml	2 414,00 €
1103	LOABeads PrtA30-25 ml	25 ml	4 979,00 €
1201	LOABeads PrtA60-5 ml	5 ml	1 643,00 €
1202	LOABeads PrtA60-10 ml	10 ml	2 926,00 €
1203	LOABeads PrtA60-25 ml	25 ml	6 005,00 €
1301	LOABeads AffiActive10-1 ml	1 ml	293,00 €
1302	LOABeads AffiActive10-10 ml	10 ml	2 028,00 €
1303	LOABeads AffiActive10-50 ml	50 ml	10 008,00 €
1401	LOABeads IP30-0,5 ml	0,5 ml	232,00 €
1402	LOABeads IP30-1 ml	1 ml	412,00 €
1403	LOABeads IP30-5 ml	5 ml	1 900,00 €
2100	LOABeads MagSep5-1	1 ks	14,00 €
2200	LOABeads MagSep50-1	1 ks	874,00 €
2300	LOABeads MagSep500-1	1 ks	4 876,00 €
88816	Pierce Streptavidin Magnetic Beads	1 ml	303,00 €
25214	HisPur Ni-NTA Superflow Agarose	10 ml	139,00 €
25215	HisPur Ni-NTA Superflow Agarose	50 ml	575,00 €
25236	Pierce Glutathione Superflow Agarose	10 ml	231,00 €
745400.25	Protino Ni-NTA Agarose	25 ml	246,00 €
745400.100	Protino Ni-NTA Agarose	100 ml	857,00 €
745200.5	Protino Ni-TED Resin	5 g	44,00 €
745200.30	Protino Ni-TED Resin	30 g	228,00 €
745425.4	Protino 96 Ni-NTA	4 x 96 ks	623,00 €
745210.5	Protino Ni-IDA Resin	5 g	44,00 €
745210.30	Protino Ni-IDA Resin	30 g	228,00 €
745500.10	Protino Glutathione Agarose 4B	10 ml	181,00 €
745500.100	Protino Glutathione Agarose 4B	100 ml	1 401,00 €
745300.4	Protino 96 Ni-IDA	4 x 96 ks	589,00 €

3.3 Purifikačné kolónky

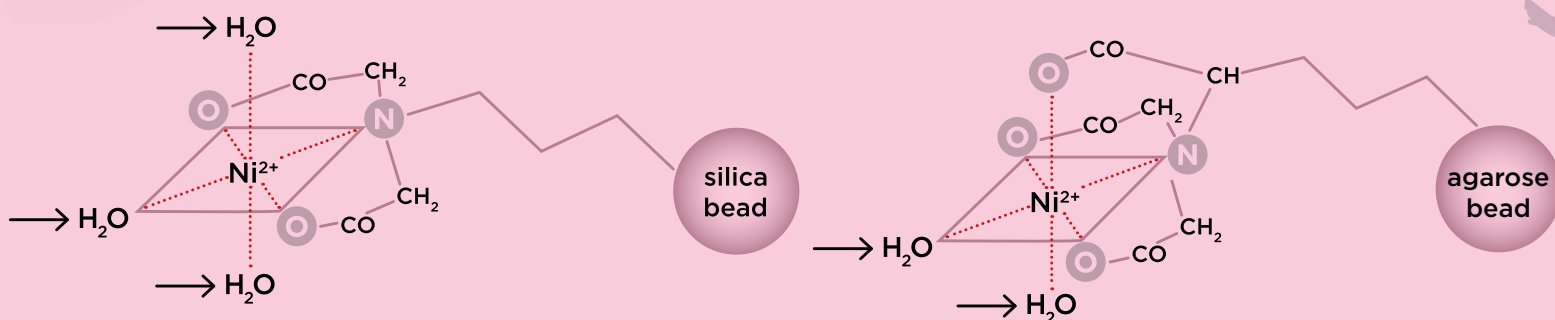
Kat. č.	Názov	Balenie	Cena
4207901	SERVA BluePrep Major Serum Protein Removal Kit	25 reakcií	406,00 €
4224101	Proteus Detergent Anion Exchange Mini Spin Column Kit (20 pc)	1 kit	440,00 €
4213101	CentriPure MINI Spin Columns Desalt Z-25	25 koloniek	137,00 €
4211401	CentriPure MINI Spin Columns Desalt Z-50	25 koloniek	137,00 €
4213701	CentriPure MINII Spin Columns PBS Z-25	25 koloniek	137,00 €
4212801	CentriPure MINI Columns PBS Z-50	25 koloniek	137,00 €

3. Purifikácia a izolácia

3.3 Purifikačné kolónky

Kat. č.	Názov	Balenie	Cena
4213401	CentriPure MINI Spin Columns TRIS Z-25	25 reakcií	406,00 €
4212501	CentriPure MINI Spin Columns TRIS Z-50	1 kit	440,00 €
4210001	CentriPure P2 Columns	25 kolóniek	137,00 €
4210201	CentriPure P5 Columns	25 kolóniek	137,00 €
4210401	CentriPure P10 Columns	25 kolóniek	137,00 €
4210601	CentriPure P25 Columns	25 kolóniek	137,00 €
4210801	CentriPure P50 Columns	25 kolóniek	137,00 €
4211001	CentriPure P100 Columns	25 kolóniek	137,00 €
89878	Zeba Micro Spin Desalting Columns, 7 kDa, 0,075 ml	2 kolónky	26,00 €
89893	Zeba Spin Desalting Columns, 7 kDa, 10 ml	2 kolónky	29,00 €
87765	Zeba Micro Spin Desalting Columns, 40 kDa, 0,075 ml	2 kolónky	30,00 €
87773	Zeba Spin Desalting Columns, 40 kDa, 10 ml	2 kolónky	32,00 €
87776	Pierce Detergent Removal Spin Column, 0,125 ml	1 kolónka	37,00 €
87777	Pierce Detergent Removal Spin Column, 0,5 ml	1 kolónka	61,00 €
88224	HisPur Ni-NTA Spin Columns, 0,2 ml	50 kolóniek	297,00 €
88225	HisPur Ni-NTA Spin Columns, 1 ml	5 kolóniek	101,00 €
88226	HisPur Ni-NTA Spin Columns, 3 ml	50 kolóniek	293,00 €
745410.5	Protino Ni-NTA Columns 1 ml	5 kolóniek	424,00 €
745415.5	Protino Ni-NTA Columns 5 ml	25 kolóniek	191,00 €
745100.10	Protino Ni-TED 150 Packed Columns	25 kolóniek	240,00 €
745100.50	Protino Ni-TED 150 Packed Columns	25 kolóniek	212,00 €
745150.10	Protino Ni-IDA 150 Packed Columns	5 kolóniek	136,00 €
745150.50	Protino Ni-IDA 150 Packed Columns	5 kolóniek	206,00 €
745510.5	Protino GST/4B Columns 1 ml	5 kolóniek	136,00 €
745515.5	Protino GST/4B Columns 5 ml	5 kolóniek	467,00 €

Produkty pre purifikáciu proteínov



4. Elektroforéza

4.1 Prekastové gély a IPG stripy

4.1.1 Vertikálna SDS PAGE

Kat. č.	Názov	Rozsah separácie	Balenie	Počet jamiek	Cena
4326101	SERVAGel TG PRiME 8 %	40 - 250 kDa	10 gélov	10 jamiek	181,00 €
4326401	SERVAGel TG PRiME 10 %	30 - 200 kDa	10 gélov	10 jamiek	181,00 €
4326701	SERVAGel TG PRiME 12 %	20 - 150 kDa	10 gélov	10 jamiek	181,00 €
4327001	SERVAGel TG PRiME 14 %	10 - 100 kDa	10 gélov	10 jamiek	181,00 €
4327401	SERVAGel TG PRiME 4 - 12 %	30 - 300 kDa	10 gélov	10 jamiek	181,00 €
4328001	SERVAGel TG PRiME 8 - 16 %	20 - 250 kDa	10 gélov	10 jamiek	181,00 €
4327701	SERVAGel TG PRiME 4 - 20 %	6 - 200 kDa	10 gélov	10 jamiek	181,00 €
4324601	SERVAGel Neutral HSE 4 - 12 %	6,5 - 200 kDa	10 gélov	10 jamiek	181,00 €
4322201	SERVAGel Neutral 8 % pH 7,4	6,5 - 200 kDa	10 gélov	10 jamiek	181,00 €
4322301	SERVAGel Neutral pH 7,4 Gradient 4 - 12 %	5 - 200 kDa	10 gélov	10 jamiek	181,00 €
4325101	SERVAGel N 3 - 12 %, BN/CN PAGE	30 - 300 kDa	10 gélov	10 jamiek	181,00 €
4325301	SERVAGel N 4 - 16 %, BN/CN PAGE	20 - 250 kDa	10 gélov	10 jamiek	181,00 €
4322001	SERVAGel Neutral 8 % pH 7,4	6,5 - 200 kDa	10 gélov	12 jamiek	181,00 €
4322101	SERVAGel Neutral pH 7,4 Gradient 4 - 12 %	5 - 200 kDa	10 gélov	12 jamiek	181,00 €
4324501	SERVAGel Neutral HSE 4 - 12 %	6,5 - 200 kDa	10 gélov	12 jamiek	181,00 €
4326001	SERVAGel TG PRiME 8 %	40 - 250 kDa	10 gélov	12 jamiek	181,00 €
4326301	SERVAGel TG PRiME 10 %	30 - 200 kDa	10 gélov	12 jamiek	181,00 €
4326601	SERVAGel TG PRiME 12 %	20 - 150 kDa	10 gélov	12 jamiek	181,00 €
4326901	SERVAGel TG PRiME 14 %	10 - 100 kDa	10 gélov	12 jamiek	181,00 €
4327301	SERVAGel TG PRiME 4 - 12 %	30 - 300 kDa	10 gélov	12 jamiek	181,00 €
4327901	SERVAGel TG PRiME 8 - 16 %	20 - 250 kDa	10 gélov	12 jamiek	181,00 €
4327601	SERVAGel TG PRiME 4 - 20 %	6 - 200 kDa	10 gélov	12 jamiek	181,00 €
4325001	SERVAGel N 4 - 16 %, BN/CN PAGE	20 - 250 kDa	10 gélov	12 jamiek	181,00 €
4325601	SERVAGel Neutral pH 7,4	6,5 - 200 kDa	10 gélov	15 jamiek	181,00 €
4324901	SERVAGel Neutral HSE	6,5 - 200 kDa	10 gélov	15 jamiek	181,00 €
4325701	SERVAGel Neutral pH 7,4 Gradient	5 - 200 kDa	10 gélov	15 jamiek	181,00 €
4328401	SERVAGel TG PRiME 8 %	40 - 250 kDa	10 gélov	15 jamiek	181,00 €
4328501	SERVAGel TG PRiME 10 %	30 - 200 kDa	10 gélov	15 jamiek	181,00 €
4328601	SERVAGel TG PRiME 12 %	20 - 150 kDa	10 gélov	15 jamiek	181,00 €
4328701	SERVAGel TG PRiME 14 %	10 - 100 kDa	10 gélov	15 jamiek	181,00 €
4328801	SERVAGel TG PRiME 4 - 12 %	30 - 300 kDa	10 gélov	15 jamiek	181,00 €
4329001	SERVAGel TG PRiME 8 - 16 %	20 - 250 kDa	10 gélov	15 jamiek	181,00 €
4328901	SERVAGel TG PRiME 4 - 20 %	6 - 200 kDa	10 gélov	15 jamiek	181,00 €

4.1.2 Horizontálna SDS PAGE

Kat. č.	Názov	Rozsah separácie	Balenie	Počet jamiek	Cena
4335901	SDS Gel kit 10 %, 25 slots for 15 µl	30 - 200 kDa	1 kit (4 gély a puľor)	25 slotov	294,00 €
4336001	SDS Gel kit 10 %, 52 slots for 6 µl	30 - 200 kDa	1 kit (4 gély a puľor)	52 slotov	294,00 €
4336101	SDS Gel kit 15 %, 25 slots for 15 µl	10 - 100 kDa	1 kit (4 gély a puľor)	25 slotov	294,00 €
4336201	SDS Gel kit 15 %, 52 slots for 6 µl	10 - 100 kDa	1 kit (4 gély a puľor)	52 slotov	294,00 €

4.1.3 2D PAGE

Kat. č.	Názov	Rozsah separácie	Balenie	Počet jamiek	Cena
4324701	SERVAGel Neutral HSE 4 - 12 %	30 - 300 kDa	10 gélov	2D well	181,00 €
4326801	SERVAGel TG PRiME 12 %	20 - 150 kDa	10 gélov	2D well	181,00 €
4327101	SERVAGel TG PRiME 14 %	10 - 100 kDa	10 gélov	2D well	181,00 €
4328101	SERVAGel TG PRiME 8 - 16 %	20 - 250 kDa	10 gélov	2D well	181,00 €

4.1.4 IPG stripy

Kat. č.	Názov	Rozsah separácie	Balenie	Cena
4300101	SERVA IPG BlueStrip 3 - 10 / 7 cm	pH 3 - 10	12 stripov	102,00 €
4300201	SERVA IPG BlueStrip 3 - 10 NL / 7 cm	pH 3 - 10 NL	12 stripov	102,00 €
4300301	SERVA IPG BlueStrip 4 - 7 / 7 cm	pH 4 - 7	12 stripov	102,00 €
4300401	SERVA IPG BlueStrip 6 - 10 / 7 cm	pH 6 - 10	12 stripov	102,00 €
4300501	SERVA IPG BlueStrip 3 - 6 / 7 cm	pH 3 - 6	12 stripov	102,00 €

4. Elektroforéza

4.2 Farbenie

Kat. č.	Názov	Balenie	Cena
PRTD066,0250	RUBY GEL STAIN	250 ml	152,00 €
3508101	Quick Coomassie Stain	1 l	189,00 €
3507601	SERVA Silver Staining kit SDS PAGE	1 kit pre 25 gélov	261,00 €
3509101	SERVA ProteinStain Fluo-R, solution	1 ml	131,00 €
3509201	SERVA ProteinStain Fluo-Y	10 ml	244,00 €
4338601	SERVA Purple	25 ml	412,00 €
3507801	DensiStain Blue G Staining solution	500 ml	102,00 €
3507701	Silver Staining Kit Native PAGE	1 kit pre 25 gélov	261,00 €
3508001	SERVASnow Staining kit	1 kit	106,00 €
4253101	SERVA Blue R Staining Kit	1 l	95,00 €
3505001	SERVA Blue G	5 g	29,00 €
3505002	SERVA Blue G	25 g	44,00 €
3505101	SERVA Blue R	5 g	29,00 €
3505102	SERVA Blue R	25 g	44,00 €
1231001	Amido Black 10 B	25 g	44,00 €
3342701	Ponceau S Solution for Electrophoresis (0.2 %)	500 ml	33,00 €
3511001	Silver nitrate	25 g	88,00 €
3511002	Silver nitrate	100 g	261,00 €
4340001	SERVA HPE Lightning Red, fluorescent	1 kit, 250 µg	362,00 €
S12010	SYPRO Tangerine Protein Gel Stain	500 µl	394,00 €
S6651	SYPRO Orange Protein Gel Stain	10 x 50 µl	471,00 €

4.3 Markery a štandardy

4.3.1 Vhodné pre ELFO

Kat. č.	Názov	Balenie	Cena
3924801	SERVA Unstained Protein Standard II (12 - 120 kDa)	500 µl	125,00 €
3924901	SERVA Unstained Protein Standard III (7 - 240 kDa)	500 µl	208,00 €
3921501	SERVA Unstained SDS PAGE Protein marker (6,5 - 200 kDa), liquid mix	500 µl	75,00 €
3921601	SERVA Prestained SDS PAGE Protein marker (6,5 - 200 kDa), liquid mix	2 x 250 µl	223,00 €
3921901	SERVA Native marker liquid mix for Blue/Clear Native PAGE (21 - 720 kDa)	5 x 50 µl	213,00 €
3921701	SERVA Recombinant SDS PAGE Protein Marker (10 - 150 kDa), Liquid Mix	500 µl	153,00 €
3921801	SERVA Recombinant SDS PAGE Protein Marker PLUS (10 - 150 kDa), Liquid Mix	500 µl	163,00 €
3906401	Protein Molecular Weight Standards (12,4 - 450 kDa)	1 kit	279,00 €
3922001	SERVA Proteome Markers (11,7 - 77 kDa)	1 kit	385,00 €
P7704S	Unstained Protein Standard, Broad Range (10 - 200 kDa)	150 lanes	131,00 €

4.3.2 Vhodné pre ELFO i Western Blot

Kat. č.	Názov	Balenie	Cena
13953S	Prestained Protein Marker, Broad Range (11 - 190 kDa)	350 µl	110,00 €
13070S	Color-coded Prestained Protein Marker, Low Range (1,7 - 42 kDa)	250 µl	137,00 €
12949S	Color-coded Prestained Protein Marker, High Range (43 - 315 kDa)	250 µl	137,00 €
14208S	Color-coded Prestained Protein Marker, Broad Range (11 - 250 kDa)	350 µl	137,00 €
7727S	Biotinylated Protein Ladder Detection Pack (9 - 200 kDa)	650 µl	75,00 €
3926001	SERVA VisiBlot Standard I (25 - 150 kDa)	500 µl	334,00 €
3925701	SERVA Triple Color Protein Standard II (11 - 180 kDa)	500 µl	203,00 €
3925801	SERVA Triple Color Protein Standard III (5 - 245 kDa)	500 µl	203,00 €
3925901	SERVA Pink Color Protein Standard II (10,5 - 175 kDa)	500 µl	203,00 €
3925201	SERVA Dual Color Protein Standard III (7 - 240 kDa)	500 µl	208,00 €
ab116028-500µl	Prestained Protein Ladder - Broad molecular weight (10-245 kDa)	500 µl	120,00 €
ab116027-500µl	Prestained Protein Ladder - Mid-range molecular weight (10 - 180 kDa)	500 µl	109,00 €
ab116029-500µl	Prestained Protein Ladder - Extra broad molecular weight (5 - 245 kDa)	500 µl	120,00 €
ab115832-500µl	Prestained Protein Ladder - Mid-range molecular weight (10-175 kDa)	500 µl	109,00 €
P7706S	Blue Prestained Protein Standard, Broad Range (11 - 190 kDa)	150 lanes	129,00 €
P7712S	Color Prestained Protein Standard, Broad Range (11 - 245 kDa)	150 lanes	140,00 €
26628	Spectra Multicolor Low Range Protein Ladder (1,7 - 40 kDa)	250 µl	197,00 €
26625	Spectra Multicolor High Range Protein (40 - 300 kDa)	2 x 250 µl	201,00 €
26634	Spectra Multicolor Broad Range Protein Ladder (10 - 260 kDa)	2 x 250 µl	165,00 €
26612	Prestained Protein Molecular Weight Marker (20 - 120 kDa)	500 µl	57,00 €

4. Elektroforéza

4.3 Markery a štandardy

4.3.2 Vhodné pro ELFO i Western Blot

Kat. č.	Názov	Balenie	Cena
26616	PageRuler Prestained Protein Ladder (10 - 180 kDa)	2 x 250 µl	130,00 €
26619	PageRuler Plus Prestained Protein Ladder (10 - 250 kDa)	2 x 250 µl	135,00 €
26610	Unstained Protein Molecular Weight Marker (14,4 - 116 kDa)	2 x 1 ml	58,00 €

4.4 Reagencie

Kat. č.	Názov	Balenie	Cena
2862501	2-Mercaptoethanol	50 ml	22,00 €
2862502	2-Mercaptoethanol	500 ml	74,00 €
1067701	Acrylamide 4x solution, (40 % w/v)	1 l	116,00 €
1068701	Acrylamide/Bis Solution, 29:1, (30 % w/v), 3.3 % C	500 ml	41,00 €
1068702	Acrylamide/Bis Solution, 29:1, (30 % w/v), 3.3 % C	4 x 500 ml	140,00 €
1068001	Acrylamide/Bis Solution, 29:1, (40 % w/v), 3.3 % C	500 ml	46,00 €
1068002	Acrylamide/Bis Solution, 29:1, (40 % w/v), 3.3 % C	4 x 500 ml	150,00 €
1068801	Acrylamide/Bis Solution, 37.5:1, (30 % w/v), 2.6 % C	500 ml	41,00 €
1068802	Acrylamide/Bis Solution, 37.5:1, (30 % w/v), 2.6 % C	4 x 500 ml	140,00 €
1068101	Acrylamide/Bis Solution, 37.5:1, (40 % w/v), 2.6 % C	500 ml	46,00 €
1068102	Acrylamide/Bis Solution, 37.5:1, (40 % w/v), 2.6 % C	4 x 500 ml	150,00 €
1337601	Ammonium persulfate, electrophoresis grade	50 g	24,00 €
1337602	Ammonium persulfate, electrophoresis grade	250 g	32,00 €
1537501	Bromophenol Blue-Na-salt	5 g	32,00 €
1537502	Bromophenol Blue-Na-salt	25 g	71,00 €
2071002	Dithiothreitol, DTT	1 g	28,00 €
2071003	Dithiothreitol, DTT	5 g	76,00 €
2071004	Dithiothreitol, DTT	25 g	240,00 €
2071101	Dithiothreitol, electrophoresis grade	1 g	38,00 €
2071102	Dithiothreitol, electrophoresis grade	5 g	92,00 €
2077101	Dodecylsulfate-Na-salt, electrophoresis grade	100 g	45,00 €
2077102	Dodecylsulfate-Na-salt, electrophoresis grade	500 g	176,00 €
2317601	Glycerol from plant (Glycerin)	1 l	57,00 €
2339004	Glycine	1 kg	42,00 €
2339002	Glycine	500 g	29,00 €
2339101	Glycine, electrophoresis grade	500 g	47,00 €
2339102	Glycine, electrophoresis grade	1 kg	72,00 €
2671001	Iodoacetamide, research grade	5 g	28,00 €
2671002	Iodoacetamide, research grade	25 g	72,00 €
2862601	Mercaptoethanol, electrophoresis grade	50 ml	29,00 €
4563101	Methanol, analytical grade	1 l	33,00 €
4563102	Methanol, analytical grade	2,5 l	57,00 €
3593001	N,N,N',N'-Tetramethyl-ethylenediamine, for electrophoresis	10 ml	24,00 €
3593002	N,N,N',N'-Tetramethyl-ethylenediamine, for electrophoresis	25 ml	33,00 €
ab142227-100ml	NP-40	100 ml	143,00 €
2076801	SDS Solution, 20 %, electrophoresis grade	100 ml	30,00 €
2076802	SDS Solution, 20 %, electrophoresis grade	500 ml	71,00 €
3978101	Sodium chloride, molecular biology grade	250 g	33,00 €
3978102	Sodium chloride, molecular biology grade	1 kg	47,00 €
3691301	Trichloroacetic acid, 20 % solution, TCA	500 ml	44,00 €
3691302	Trichloroacetic acid, 20 % solution, TCA	1 l	66,00 €
3718101	Tris(hydroxymethyl)aminomethane, electrophoresis grade	500 g	57,00 €
3718602	Tris(hydroxymethyl)aminomethane, molecular biology grade	500 g	83,00 €
3718603	Tris(hydroxymethyl)aminomethane, molecular biology grade	1 kg	128,00 €
3718604	Tris(hydroxymethyl)aminomethane, molecular biology grade	2,5 kg	300,00 €
3978701	Tris(hydroxymethyl)aminomethane.hydrochloride, molecular biology grade	500 g	152,00 €
3719202	Tris(hydroxymethyl)aminomethane-hydrochloride, research grade	500 g	126,00 €
3724001	Triton(R) X-100	500 g	29,00 €
3979501	Triton(R) X-100, molecular biology grade	50 ml	34,00 €

4. Elektroforéza

4.5 Detergenty a pufre

Kat. č.	Názov	Balenie	Cena
1653002	CTAB (Cetyltrimethylammonium-bromide)	500 g	94,00 €
1955002	Digitonin	1 g	300,00 €
1955001	Digitonin	500 mg	172,00 €
1955101	Digitonin water soluble	250 mg	159,00 €
1955102	Digitonin water soluble	1 g	532,00 €
2071003	Dithiothreitol (DTT), analytical grade	5 g	76,00 €
2078003	Dodecyl-beta-D-maltoside	1 g	93,00 €
2078301	Dodecylsulfate-Na-salt (SDS, Sodium laurylsulfate)	250 g	59,00 €
2076501	Dodecylsulfate-Na-salt in Pellets, SDS, research grade	100 g	24,00 €
2076502	Dodecylsulfate-Na-salt in Pellets, SDS, research grade	250 g	38,00 €
2076503	Dodecylsulfate-Na-salt in Pellets, SDS, research grade	1 kg	102,00 €
1703802	CHAPS, 3-[(3-Cholamidopropyl)dimethylammonio]-1-propanesulfonate, reserch grade	5 g	76,00 €
1703803	CHAPS, 3-[(3-Cholamidopropyl)dimethylammonio]-1-propanesulfonate, reserch grade	25 g	280,00 €
1712602	Cholic acid-Na-salt (Sodium cholate), analytical grade	100 g	104,00 €
4255601	Laemmli Buffer 10X, for SDS-PAGE	2 l	75,00 €
4255604	Laemmli Buffer 10X, for SDS-PAGE	10 l	195,00 €
4252601	Laemmli Sample Buffer (2x), for SDS PAGE	20 ml	30,00 €
4252602	Laemmli Sample Buffer (2x), for SDS PAGE	5 x 20 ml	117,00 €
4253501	Native Anode Buffer for Blue/Clear Native (10x)	1 l	121,00 €
4253601	Native Cathode Buffer for Blue/Clear Native (10x)	500 ml	70,00 €
3105501	Octyl-beta-D-glucopyranoside	5 g	136,00 €
4259501	PBS Buffer (10x), sterile	1 l	93,00 €
4253301	Sample buffer for Blue Native (2x)	20 ml	37,00 €
4253401	Sample buffer for Clear Native (2x)	20 ml	37,00 €
2076701	SDS Solution, 20 %	100 ml	26,00 €
2076702	SDS Solution, 20 %	500 ml	63,00 €
2076703	SDS Solution, 20 %	1 l	104,00 €
4255901	Semi-Dry Blotting Buffer Kit	3 x 500 ml	152,00 €
2078401	SERVA 2D PAGE Detergent Sampler	1 kit	262,00 €
4253801	SERVA Blue G solution for Blue Native, 1 %	20 ml	37,00 €
2078501	SERVA BN PAGE Detergent sampler	1 kit	102,00 €
4336801	SERVA HPE IPG Strip Buffer (pH 3 - 10)	1 ml	59,00 €
4253001	SERVA Tris-Glycine Native Electrophoresis buffer (10x)	1 l	48,00 €
4252801	SERVA Tris-Glycine Native sample buffer (2x)	20 ml	30,00 €
4252901	SERVA Tris-Glycine/SDS Electrophoresis Buffer (10x)	1 l	44,00 €
4252701	SERVA Tris-Glycine/SDS Sample Buffer (2x)	20 ml	30,00 €
4255201	SERVA Tris-Tricine/SDS Electrophoresis Buffer (10x)	1 l	120,00 €
4256001	SERVA Tris-Tricine/SDS Electrophoresis Buffer (20x)	1 l	121,00 €
4255101	SERVA Tris-Tricine/SDS Sample Buffer (2x)	20 ml	35,00 €
4294001	SERVALYT 3-10	10 ml	157,00 €
4294401	SERVALYT 3-6	10 ml	157,00 €
4294801	SERVALYT 4-7	10 ml	157,00 €
4291301	SERVALYT 6-9	10 ml	157,00 €
1833002	Sodium deoxycholate, DOC	25 g	42,00 €
4259601	TBS Buffer (10x), sterile	1 l	99,00 €
4255802	Towbin Buffer for Western Blotting (10x)	1 l	37,00 €
9997S	Tris Buffered Saline with Tween 20 (TBST-10x)	1 000 ml	75,00 €
3697001	Tris-(2-carboxyethyl)phosphine hydrochloride (TCEP)	1 g	80,00 €
3697002	Tris-(2-carboxyethyl)phosphine hydrochloride (TCEP)	5 g	294,00 €
3719601	Tris(hydroxymethyl)methylglycine (Tricine), electrophoresis grade	100 g	68,00 €
3719602	Tris(hydroxymethyl)methylglycine (Tricine), electrophoresis grade	500 g	240,00 €
4050S	Tris-Glycine SDS Running Buffer (10x)	1 000 ml	75,00 €
12539S	Tris-Glycine Transfer Buffer (10x)	1 l	66,00 €
3724001	Triton X-100	500 g	29,00 €
3747001	Tween 20	500 g	36,00 €
3747501	Tween 80	500 g	39,00 €
2452402	Urea, analytical grade, Ph. Eur., USP	1 kg	32,00 €

5. Western Blot

5.1 Membrány

Kat. č.	Názov	Balenie	Cena
4251401	PVDF 0,45 transfer membrane, Pore size 0,45 µm, format: 30 cm x 3 m	1 rolka	453,00 €
4251501	PVDF 0,2 transfer membrane, Pore size 0,2 µm, format: 30 cm x 3 m	1 rolka	453,00 €
4257401	Immobilon - P - membrane, Pore size 0,2 µm, format: 26,5 cm x 3,75 m	1 rolka	1 212,00 €
4258101	Immobilon - P - membrane, Pore size 0,45 µm, format: 26,5 cm x 3,75 m	1 rolka	1 077,00 €
4251601	NC 45 Nitrocellulose Membrane, plain, white, Pore size 0,45 µm, format 88 mm x 88 mm	10 listov	141,00 €
7120801	NC 45 Nitrocellulose Membrane, plain, white, Pore size 0,45 µm, format 30 cm x 3 m	1 rolka	408,00 €
7122501	NC 45 Supported Nitrocellulose Membrane, Pore size 0,45 µm, format 30 cm x 3 m	1 rolka	468,00 €
7122301	NC 2 Nitrocellulose Membrane, white, Pore size 0,2 µm, format: 20 x 20 cm	5 listov	152,00 €
7122401	NC 2 Nitrocellulose Membrane, white, Pore size 0,2 µm, format: 30 cm x 3 m	1 rolka	408,00 €
7122601	NC 2 Supported Nitrocellulose Membrane, Pore size 0,2 µm, format 30 cm x 3 m	1 rolka	507,00 €
4256901	Nylon - Bind B Membrane, positive surface, Pore size 0,45 µm, format 30 cm x 3 m	1 rolka	564,00 €
4257101	Fluorobind Membrane, surface PVDF, Pore size 0,2 µm, format: 25 cm x 3 m	1 rolka	546,00 €
ab133413	Nitrocellulose Transfer Membrane - 0,22 µm	10 membrán	94,00 €
ab133412	Nitrocellulose Transfer Membrane - 0,45 µm	10 membrán	94,00 €
88518	PVDF Transfer Membrane, 0,45 µm, 26,5 cm x 3,75 m	1 rolka	419,00 €
88018	Nitrocellulose Membrane, 0,45 µm, 30 cm x 3,5 m	1 rolka	448,00 €
88520	PVDF Transfer Membrane, 0,2 µm, 26,5 cm x 3,75 m	1 rolka	474,00 €

5.2 Blokovanie

Kat. č.	Názov	Balenie	Cena
4259001	Skim milk powder	500 g	29,00 €
4259002	Skim milk powder	1 kg	45,00 €
4259003	Skim milk powder	5 kg	159,00 €
1193001	Albumin bovine Fraction V, pH 7,0	10 g	38,00 €
1193002	Albumin bovine Fraction V, pH 7,0	25 g	69,00 €
1193003	Albumin bovine Fraction V, pH 7,0	100 g	190,00 €
9999S	Nonfat Dry Milk	250 g	75,00 €
15019S	Animal-Free Blocking Solution (5X)	25 ml	43,00 €
15019L	Animal-Free Blocking Solution (5X)	250 ml	174,00 €
9998S	BSA	50 g	268,00 €


[hi:] innovative

in Western Blot



5. Western Blot

5.3 Chemiluminiscenčné substráty

Kat. č.	Názov	Balenie	Cena
XLS063,0250 - 1kit	WESTAR SUN	250 ml	110,00 €
XLS063,0250 - 2kits	WESTAR SUN	2 x 250 ml	183,00 €
XLS071,0250 - 1kit	WESTAR NOVA 2.0	250 ml	128,00 €
XLS071,0250 - 2kits	WESTAR NOVA 2.0	2 x 250 ml	207,00 €
XLS070,0250 - 1kit	WESTAR ETAC 2.0	250 ml	171,00 €
XLS070,0250 - 2kits	WESTAR ETAC 2.0	2 x 250 ml	244,00 €
XLS075,0100 - 1kit	WESTAR ETAC ULTRA 2.0	100 ml	304,00 €
XLS075,0100 - 2kits	WESTAR ETAC ULTRA 2.0	2 x 100 ml	510,00 €
XLS3,0100 - 1kit	WESTAR SUPERNOVA	100 ml	365,00 €
XLS3,0100 - 2kits	WESTAR SUPERNOVA	2 x 100 ml	607,00 €
32109	Pierce ECL Western Blotting Substrate	50 ml	79,00 €
32209	Pierce ECL Western Blotting Substrate	250 ml	197,00 €
32106	Pierce ECL Western Blotting Substrate	500 ml	253,00 €
34577	SuperSignal West Pico PLUS Chemiluminescent Substrate	200 ml	123,00 €
34580	SuperSignal West Pico PLUS Chemiluminescent Substrate	500 ml	219,00 €
34578	SuperSignal West Pico PLUS Chemiluminescent Substrate	1 l	392,00 €
32132	Pierce ECL Plus Western Blotting Substrate	100 ml	265,00 €
32134	Pierce ECL Plus Western Blotting Substrate	25 ml	111,00 €
34075	SuperSignal West Dura Extended Duration Substrate	100 ml	415,00 €
34076	SuperSignal West Dura Extended Duration Substrate	200 ml	672,00 €
34095	SuperSignal West Femto Maximum Sensitivity Substrate	100 ml	425,00 €
34096	SuperSignal West Femto Maximum Sensitivity Substrate	200 ml	740,00 €

5.4 Stripovanie

Kat. č.	Názov	Balenie	Cena
SBS069,0250	RENEW	250 ml	86,00 €
46430	Restore PLUS Western Blot Stripping Buffer	500 ml	202,00 €
21059	Restore Western Blot Stripping Buffer	500 ml	189,00 €

5.5 Filmy

Kat. č.	Názov	Balenie	Cena
34090	CL-XPosure Film, 13 x 18cm	100 listov	206,00 €
34089	CL-XPosure Film, 18 x 24 cm	100 listov	239,00 €
34091	CL-XPosure Film, 20 x 25 cm	100 listov	249,00 €
34097	CL-XPosure Film, 24 x 30 cm	100 listov	312,00 €

prótilátky.sk
vyberajte, nehľadajte



6. Detekcia a kvantifikácia proteínov

Kat. č.	Názov	Balenie	Cena
PRTD1,0500	QPRO - BCA Kit Standard (20 - 2000 µg / ml)	1 kit	140,00 €
PRTD2,0500	µQPRO - BCA Kit Micro (0,5 ÷ 20 µg / ml)	1 kit	292,00 €
3922901	BCA Protein Assay micro kit	480 testov	354,00 €
3922801	BCA Protein Assay macro kit	250 testov	172,00 €
3922802	BCA Protein Assay macro kit	500 testov	289,00 €
3923601	Lowry Assay kit	250 testov	108,00 €
3922501	ProtaQuant Assay kit	1 kit	279,00 €
3923501	SERVA Purple Protein Quantification Assay	10 ml	363,00 €
ab102536-1000test	BCA Protein Quantification Kit	1 000 testov	347,00 €
ab207003-1000test	BCA protein assay kit reducing agent compatible (microplate)	1 000 testov	325,00 €
ab207002-2500test	BCA protein assay kit for low concentrations	2 500 testov	325,00 €
ab207004-250test	BCA protein assay kit reducing agent compatible (test tube)	250 testov	325,00 €
ab102535-1000test	Protein Quantitation Kit (Bradford Assay)	1 000 testov	347,00 €
7780S	BCA Protein Assay Kit	1 kit	358,00 €
3923001	SERVA ICPL-Kit	1 kit	1 692,00 €
3923101	SERVA ICPL Triplex kit	1 kit	1 950,00 €
3923201	SERVA ICPL Quadruplex kit	1 kit	2 251,00 €
3922201	Bradford Reagent, 5x concentrate	50 ml	20,00 €
3922202	Bradford Reagent, 5x concentrate	200 ml	50,00 €
3922601	SingleQuant Assay Kit	200 testov	217,00 €
3922602	SingleQuant Assay Kit	600 testov	428,00 €
23228	Pierce BCA Protein Assay Reagent A	500 ml	95,00 €
23224	Pierce BCA Protein Assay Reagent B	25 ml	65,00 €
23225	Pierce BCA Protein Assay Kit	1 l	215,00 €

ThermoFisher
S C I E N T I F I C

Stanovenie
koncentrácie
proteínov

BCA Protein
Assay Kit

Ďalšie nástroje pre vaše laboratórium





BioTech s.r.o.
Kresánkova 12
841 05 Bratislava

www.ibiotech.sk
info@ibiotech.sk
+421 254 774 488