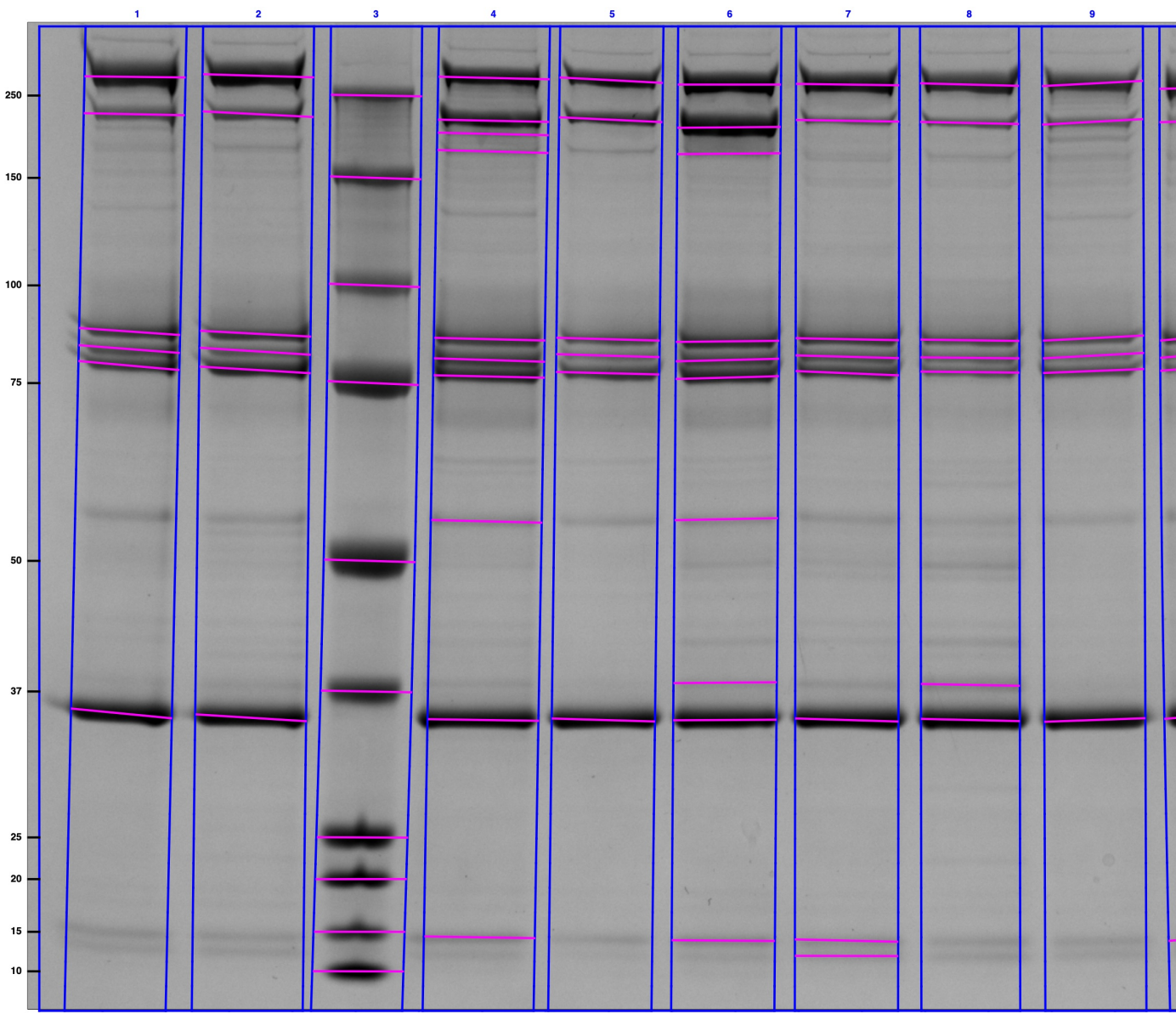


Image Report: 1h 1i 1l 1m 1ctr 1a 1b 1c 1d



/Users/ceciliarudelli/Desktop/DOTTORATO/progettoPOLLINE/settimana 5/1h 1i 1l 1m 1ctr 1a 1b 1c 1d.scn

Acquisition Information

Imager	ChemiDoc MP
Exposure Time (sec)	8.984 (Auto - Intense Bands)
Flat Field	Applied (White)
Serial Number	731BR02881
Software Version	5.2.1
Application	Coomassie Blue

Excitation Source	White Trans illumination
Emission Filter	Standard Filter

Image Information

Acquisition Date	9/8/2023 2:06:21 PM
User Name	FisioLab
Image Area (mm)	X: 79.2 Y: 61.4
Pixel Size (µm)	X: 68.2 Y: 68.2
Data Range (Int)	15919 - 58311

Analysis Settings

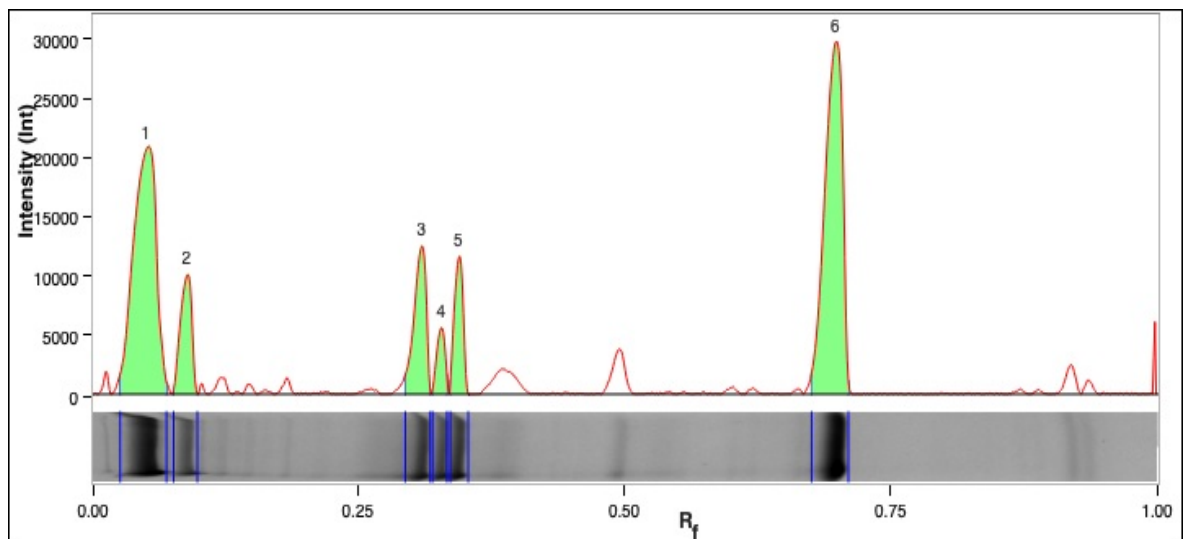
Detection	<p>Lane detection: Automatically detected lanes with manual adjustments</p> <p>Band detection: Automatically detected bands with sensitivity: Low Manually adjusted bands</p> <p>Lane Background Subtraction: Lane background subtracted with disk size: 0.1</p> <p>Lane width: Variable</p>
Mol. Weight Analysis	<p>Standard: Bio-Rad Precision Plus</p> <p>Standard lanes: 3</p> <p>Regression method: Point to Point (semi-log)</p>

Lane Statistics

Lane No.	Adj. Total Band Vol. (Int)	Total Band Vol. (Int)	Adj. Total Lane Vol. (Int)	Total Lane Vol. (Int)	Bkgd. Vol. (Int)	Norm. Factor
1	135.190.780	478.195.760	158.042.200	1.951.526.356	1.793.484.156	N/A
2	154.003.083	514.707.817	176.446.192	2.118.985.252	1.942.539.060	N/A
3	294.312.937	956.911.233	301.142.011	1.978.245.406	1.677.103.395	N/A
4	156.784.522	639.097.498	180.341.459	2.195.074.915	2.014.733.456	N/A
5	126.644.132	402.664.698	145.019.534	1.892.183.152	1.747.163.618	N/A
6	173.599.482	648.023.592	189.158.550	2.058.249.192	1.869.090.642	N/A
7	134.461.172	464.996.474	153.220.188	1.936.903.464	1.783.683.276	N/A
8	121.681.440	404.082.630	148.123.530	1.821.873.960	1.673.750.430	N/A
9	110.095.112	372.757.596	130.037.400	1.813.803.092	1.683.765.692	N/A
10	112.329.718	434.181.676	126.382.812	1.840.931.720	1.714.548.908	N/A

Lane And Band Analysis

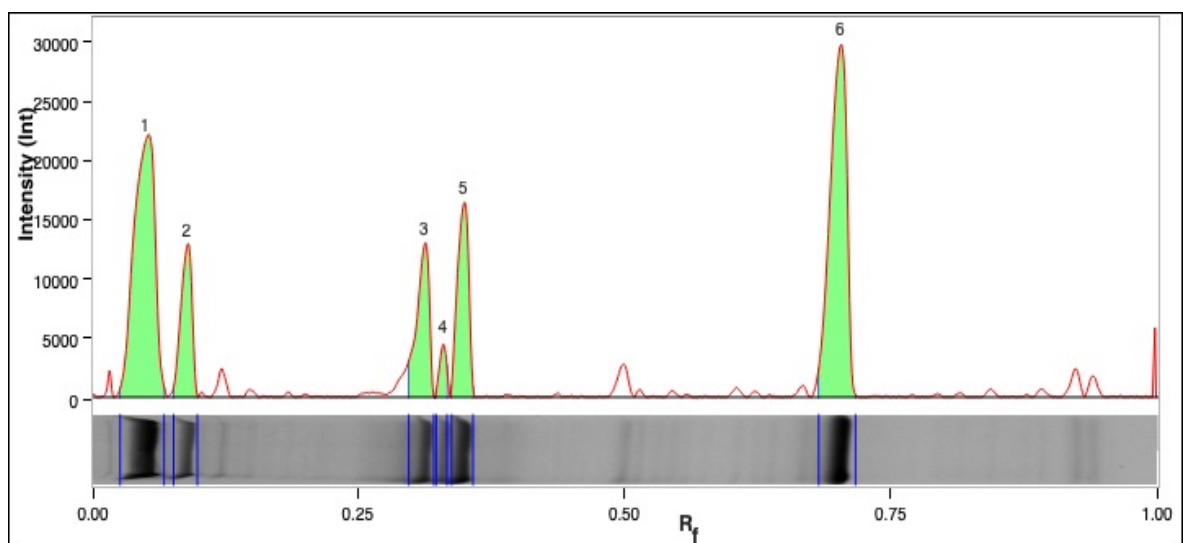
Lane 1



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,051	45.332.632	134.870.804	N/A	N/A	33,5	28,7
2		222,7	0,089	10.933.464	59.948.120	N/A	N/A	8,1	6,9
3		87,3	0,310	14.302.044	70.612.760	N/A	N/A	10,6	9,0
4		82,9	0,328	4.426.396	42.273.356	N/A	N/A	3,3	2,8
5		79,0	0,344	9.792.848	54.567.408	N/A	N/A	7,2	6,2
6		34,9	0,698	50.403.396	115.923.312	N/A	N/A	37,3	31,9

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.28 mm
Regression Equation	A single equation is not available for this method

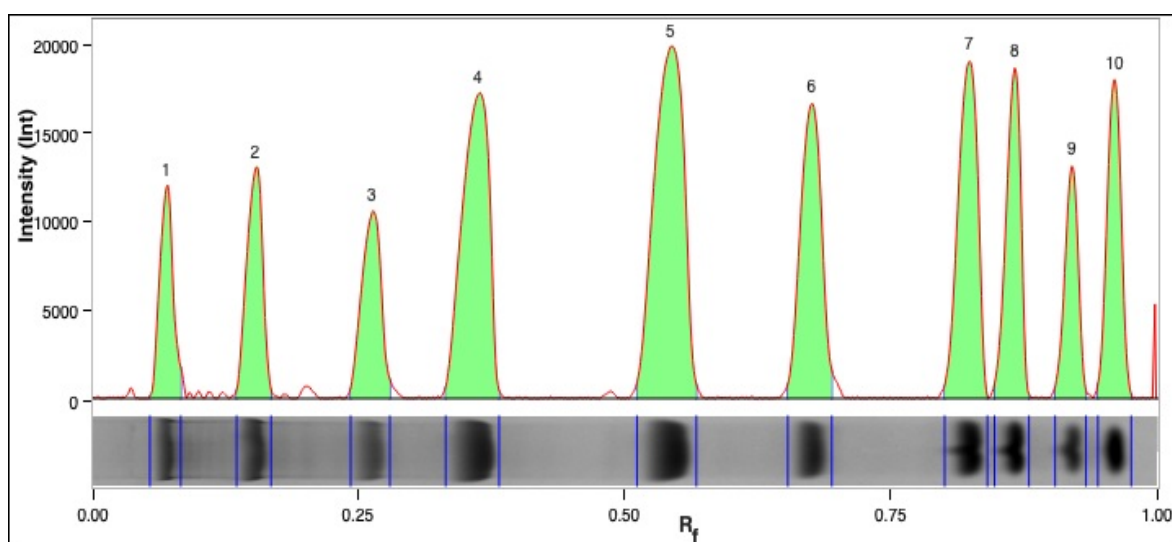
Lane 2



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,050	48.510.300	140.976.608	N/A	N/A	31,5	27,5
2		222,7	0,089	14.971.836	67.131.367	N/A	N/A	9,7	8,5
3		86,7	0,312	16.598.542	77.630.216	N/A	N/A	10,8	9,4
4		82,4	0,330	3.098.983	33.905.902	N/A	N/A	2,0	1,8
5		78,0	0,349	19.331.097	76.027.447	N/A	N/A	12,6	11,0
6		34,5	0,702	51.492.325	119.036.277	N/A	N/A	33,4	29,2

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.89 mm
Regression Equation	A single equation is not available for this method

Lane 3 - Bio-Rad Precision Plus

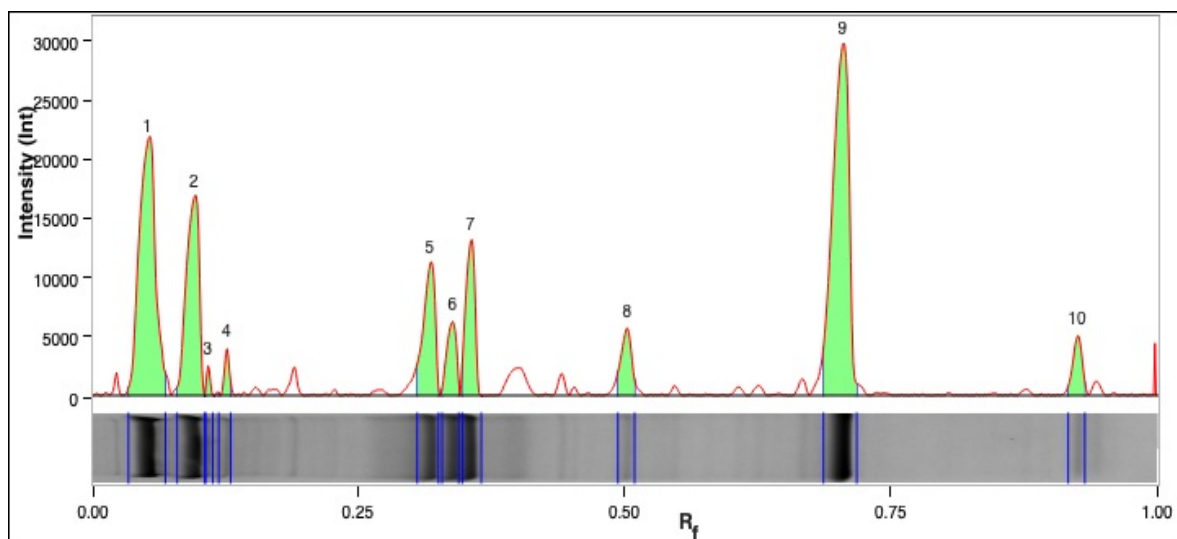


Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,070	15.472.113	74.781.589	N/A	N/A	5,3	5,1
2		150,0	0,154	20.104.343	86.253.932	N/A	N/A	6,8	6,7
3		100,0	0,263	19.680.213	88.192.729	N/A	N/A	6,7	6,5
4		75,0	0,362	44.748.039	134.501.915	N/A	N/A	15,2	14,9
5		50,0	0,543	57.149.484	144.823.546	N/A	N/A	19,4	19,0
6		37,0	0,676	33.729.955	100.506.277	N/A	N/A	11,5	11,2
7		25,0	0,824	35.874.343	104.767.248	N/A	N/A	12,2	11,9
8		20,0	0,866	26.207.582	82.340.399	N/A	N/A	8,9	8,7
9		15,0	0,920	16.850.660	66.399.087	N/A	N/A	5,7	5,6
10		10,0	0,960	24.496.205	74.344.511	N/A	N/A	8,3	8,1

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1

Lane Width	5.66 mm
Regression Equation	A single equation is not available for this method

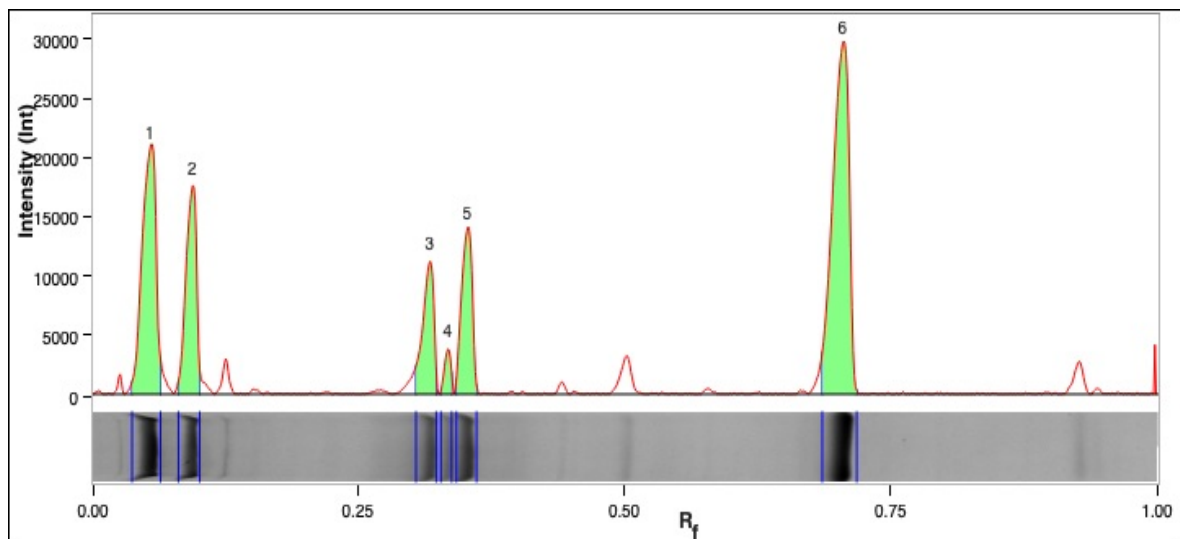
Lane 4



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,052	37.431.711	117.721.055	N/A	N/A	23,9	20,8
2		213,8	0,096	22.818.526	92.284.104	N/A	N/A	14,6	12,7
3		197,0	0,109	926.574	21.110.515	N/A	N/A	0,6	0,5
4		176,6	0,127	2.031.312	33.349.392	N/A	N/A	1,3	1,1
5		85,4	0,318	13.355.331	66.820.186	N/A	N/A	8,5	7,4
6		80,3	0,339	6.351.486	58.840.984	N/A	N/A	4,1	3,5
7		76,5	0,356	12.755.997	65.449.717	N/A	N/A	8,1	7,1
8		54,7	0,503	6.053.334	37.081.746	N/A	N/A	3,9	3,4
9		34,3	0,705	50.197.303	110.499.858	N/A	N/A	32,0	27,8
10		14,2	0,925	4.862.948	35.939.941	N/A	N/A	3,1	2,7

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.89 mm
Regression Equation	A single equation is not available for this method

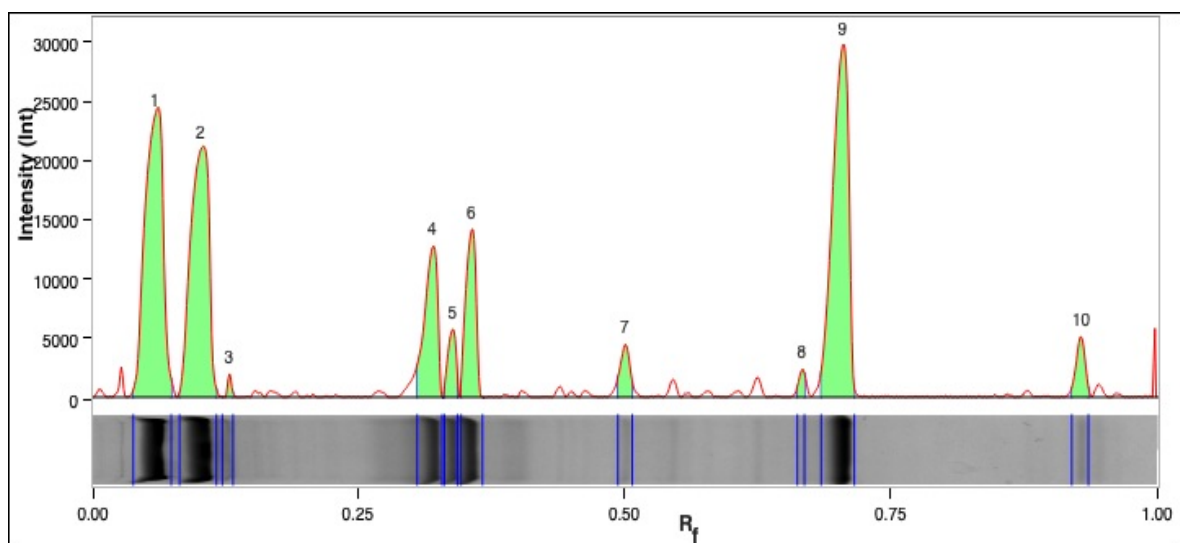
Lane 5



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,055	29.445.500	86.826.108	N/A	N/A	23,3	20,3
2		215,2	0,095	18.796.240	63.618.542	N/A	N/A	14,8	13,0
3		85,4	0,318	12.334.774	57.630.930	N/A	N/A	9,7	8,5
4		81,3	0,334	2.430.934	28.381.984	N/A	N/A	1,9	1,7
5		77,2	0,352	15.106.364	61.591.526	N/A	N/A	11,9	10,4
6		34,3	0,705	48.530.320	104.615.608	N/A	N/A	38,3	33,5

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.42 mm
Regression Equation	A single equation is not available for this method

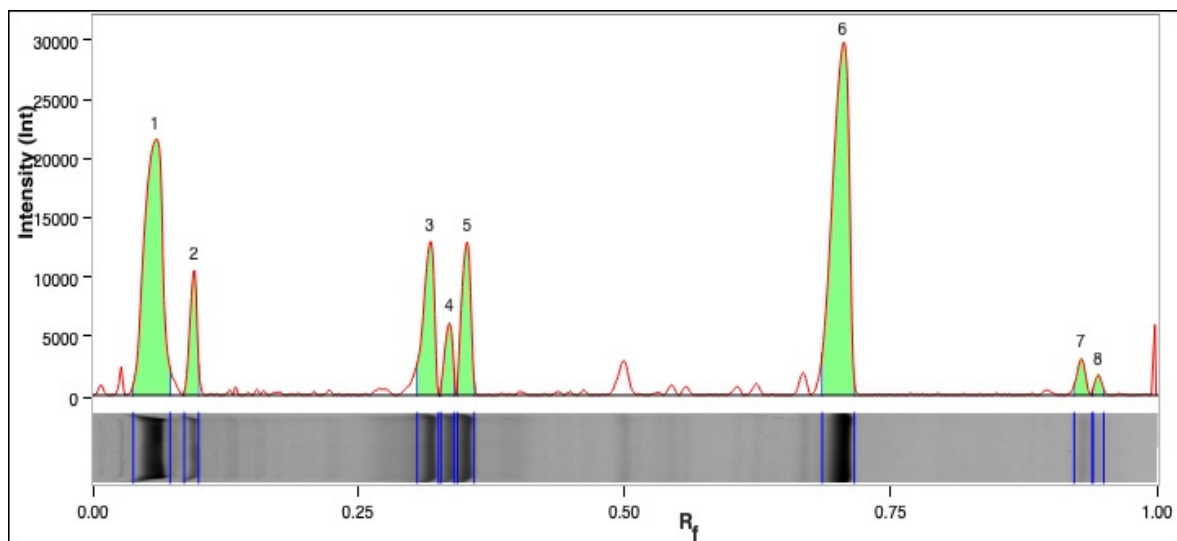
Lane 6



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,059	43.350.074	121.327.680	N/A	N/A	25,0	22,9
2		205,2	0,103	38.286.952	124.855.970	N/A	N/A	22,1	20,2
3		174,2	0,129	745.702	30.111.490	N/A	N/A	0,4	0,4
4		84,8	0,320	15.730.430	75.042.644	N/A	N/A	9,1	8,3
5		80,3	0,339	4.626.398	43.205.690	N/A	N/A	2,7	2,4
6		76,2	0,357	14.267.132	67.830.494	N/A	N/A	8,2	7,5
7		55,0	0,501	3.983.814	29.047.692	N/A	N/A	2,3	2,1
8		37,8	0,667	1.431.526	17.838.474	N/A	N/A	0,8	0,8
9		34,3	0,705	46.686.040	105.536.244	N/A	N/A	26,9	24,7
10		13,7	0,929	4.491.414	33.227.214	N/A	N/A	2,6	2,4

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.42 mm
Regression Equation	A single equation is not available for this method

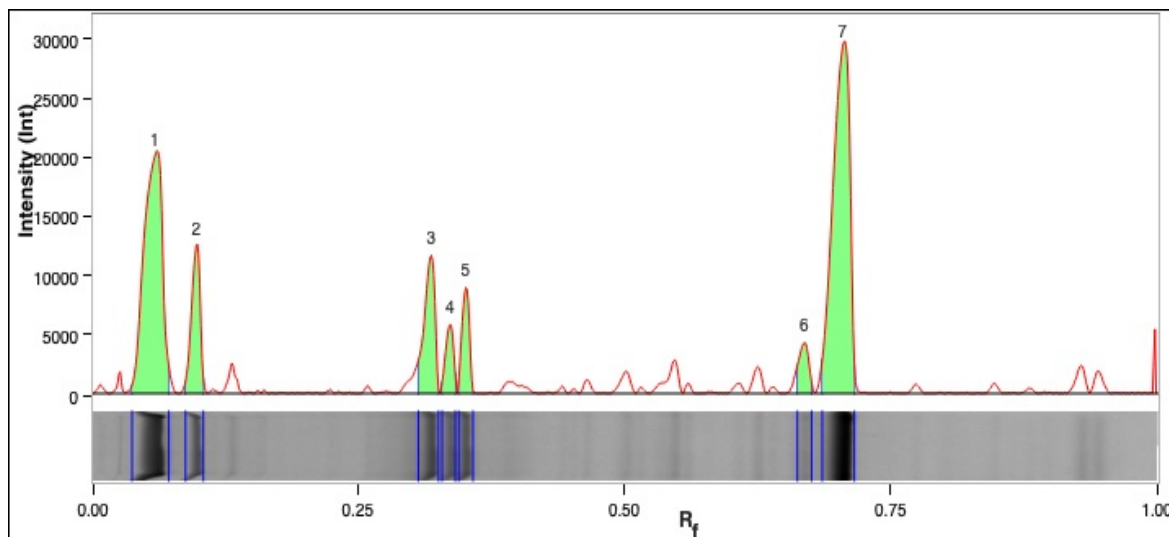
Lane 7



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,059	40.805.118	111.115.802	N/A	N/A	30,3	26,6
2		213,8	0,096	7.861.032	39.004.454	N/A	N/A	5,8	5,1
3		85,4	0,318	14.190.992	60.148.814	N/A	N/A	10,6	9,3
4		81,0	0,336	4.998.074	39.261.638	N/A	N/A	3,7	3,3
5		77,2	0,352	12.230.152	54.432.392	N/A	N/A	9,1	8,0
6		34,3	0,705	50.500.936	105.618.024	N/A	N/A	37,6	33,0
7		13,7	0,929	2.657.098	34.534.378	N/A	N/A	2,0	1,7
8		11,7	0,944	1.217.770	20.880.972	N/A	N/A	0,9	0,8

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.42 mm
Regression Equation	A single equation is not available for this method

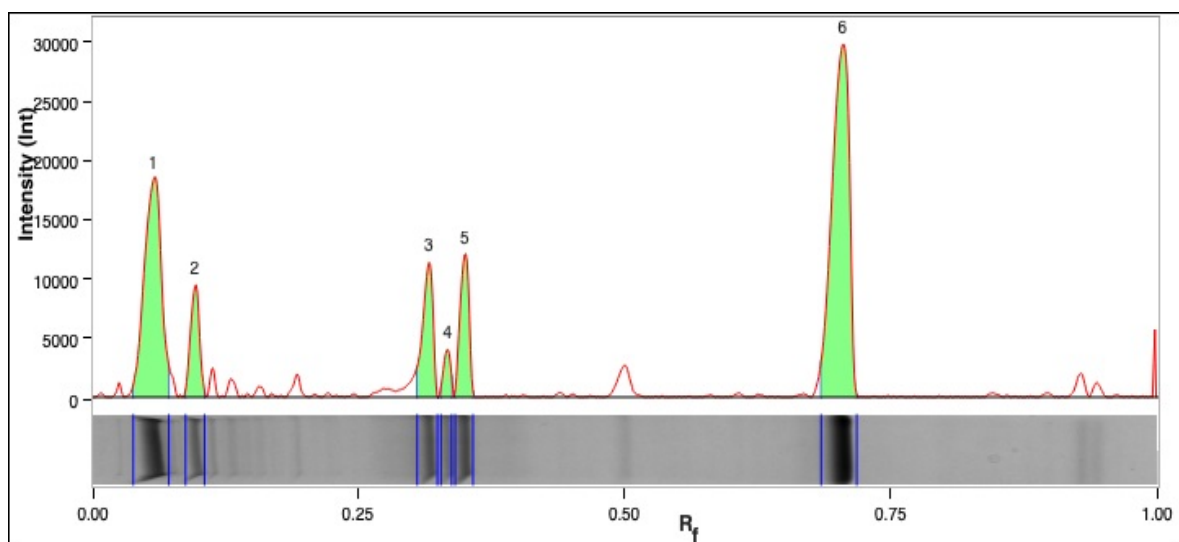
Lane 8



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,059	36.483.030	103.239.540	N/A	N/A	30,0	24,6
2		210,9	0,098	10.661.760	45.097.920	N/A	N/A	8,8	7,2
3		85,1	0,319	11.628.180	51.091.740	N/A	N/A	9,6	7,9
4		80,8	0,337	4.476.150	34.784.190	N/A	N/A	3,7	3,0
5		77,5	0,351	6.454.170	39.842.010	N/A	N/A	5,3	4,4
6		37,6	0,669	3.766.320	27.558.630	N/A	N/A	3,1	2,5
7		34,3	0,705	48.211.830	102.468.600	N/A	N/A	39,6	32,5

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.14 mm
Regression Equation	A single equation is not available for this method

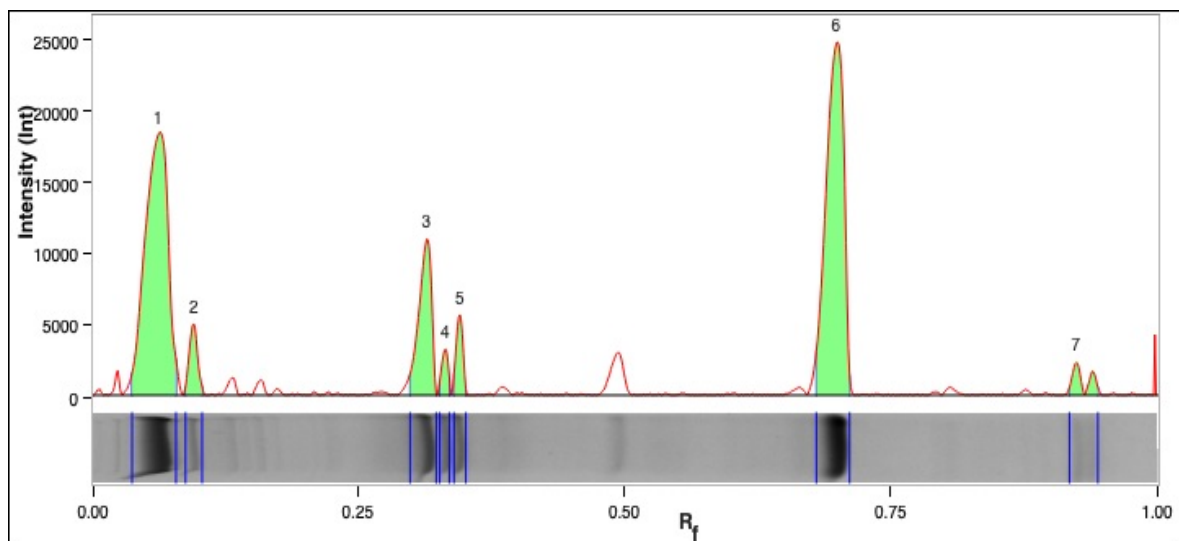
Lane 9



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,058	29.823.088	93.809.180	N/A	N/A	27,1	22,9
2		212,3	0,097	8.026.724	44.761.956	N/A	N/A	7,3	6,2
3		85,6	0,317	10.903.288	51.643.648	N/A	N/A	9,9	8,4
4		81,3	0,334	2.667.356	27.422.716	N/A	N/A	2,4	2,1
5		77,7	0,350	10.303.080	49.976.332	N/A	N/A	9,4	7,9
6		34,3	0,705	48.371.576	105.143.764	N/A	N/A	43,9	37,2

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.28 mm
Regression Equation	A single equation is not available for this method

Lane 10



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,062	42.006.626	122.886.106	N/A	N/A	37,4	33,2
2		213,8	0,096	4.172.942	35.447.964	N/A	N/A	3,7	3,3
3		86,2	0,314	13.703.414	67.981.552	N/A	N/A	12,2	10,8
4		81,8	0,332	2.079.374	24.889.226	N/A	N/A	1,9	1,6
5		78,7	0,346	3.826.740	31.750.004	N/A	N/A	3,4	3,0
6		34,8	0,699	43.587.894	99.401.616	N/A	N/A	38,8	34,5
7		14,3	0,924	2.952.728	51.825.208	N/A	N/A	2,6	2,3

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.42 mm
Regression Equation	A single equation is not available for this method