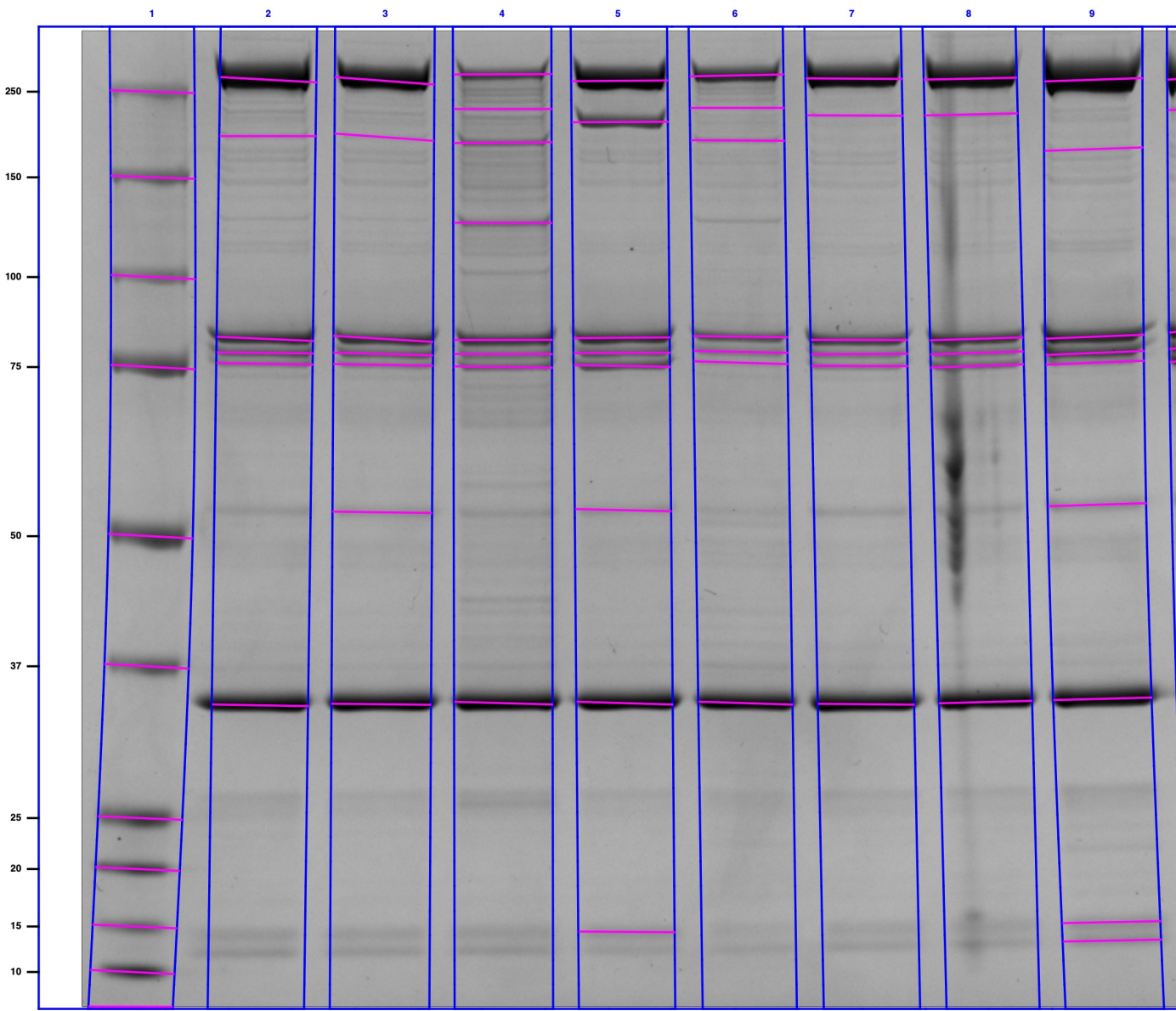


Image Report: 1c 1d 1e 1f 1g 1i 1 ctr 1 spir 1 grass



/Users/ceciliarudelli/Desktop/DOTTORATO/progettoPOLLINE/settimana 4/1c 1d 1e 1f 1g 1i 1 ctr 1 spir 1 grass.scn

Acquisition Information

Imager	ChemiDoc MP
Exposure Time (sec)	9.611 (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	8/8/2023 12:17:54 PM
User Name	FisioLab
Image Area (mm)	X: 77.0 Y: 61.5
Pixel Size (µm)	X: 68.2 Y: 68.2
Data Range (Int)	13619 - 54651

Analysis Settings

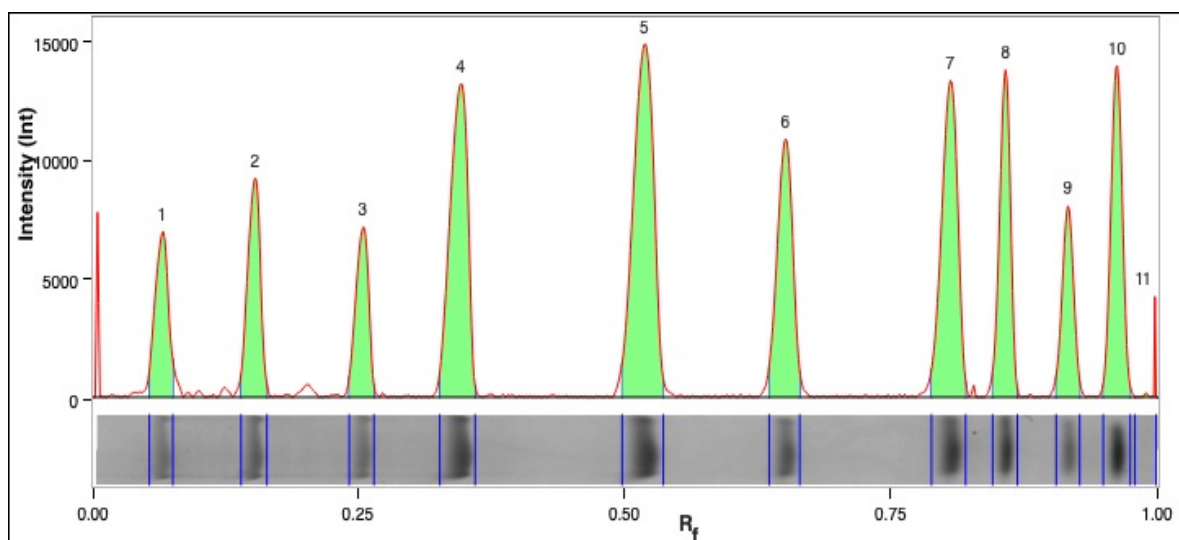
Detection	<p>Lane detection: Automatically detected lanes with manual adjustments</p> <p>Band detection: Automatically detected bands with sensitivity: Low Manually adjusted bands</p> <p>Lane Background Subtraction: Lane background subtracted with disk size: 0.1</p> <p>Lane width: Variable</p>
Mol. Weight Analysis	<p>Standard: Bio-Rad Precision Plus</p> <p>Standard lanes: first</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	140.174.580	538.828.134	147.026.256	1.427.953.644	1.280.927.388	N/A
2	116.620.616	325.066.982	149.619.235	1.628.001.439	1.478.382.204	N/A
3	114.595.016	327.997.388	146.337.776	1.653.124.908	1.506.787.132	N/A
4	80.991.001	296.438.779	117.595.751	1.712.954.061	1.595.358.310	N/A
5	134.272.520	406.871.866	163.041.592	1.640.340.666	1.477.299.074	N/A
6	67.195.668	224.208.222	100.271.415	1.548.909.720	1.448.638.305	N/A
7	108.044.932	296.967.368	131.717.686	1.545.856.130	1.414.138.444	N/A
8	107.842.452	308.040.304	136.538.244	1.600.446.240	1.463.907.996	N/A
9	149.855.706	439.972.260	176.065.526	1.628.046.875	1.451.981.349	N/A
10	117.800.175	331.141.662	141.070.413	1.512.917.994	1.371.847.581	N/A

Lane And Band Analysis

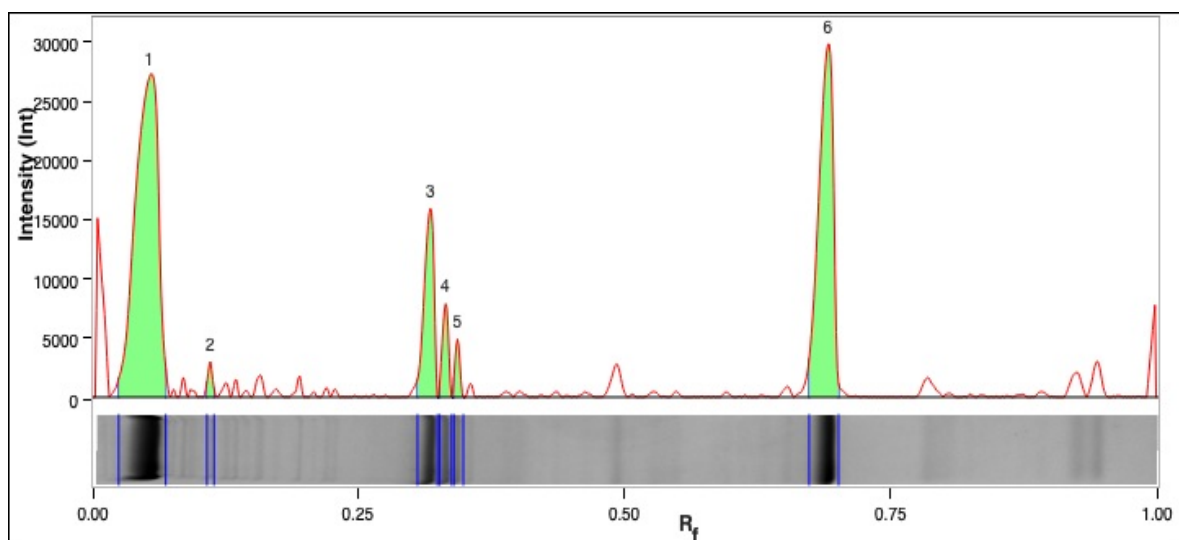
Lane 1 - Bio-Rad Precision Plus



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,066	7.881.198	39.119.730	N/A	N/A	5,6	5,4
2		150,0	0,153	10.051.548	44.730.816	N/A	N/A	7,2	6,8
3		100,0	0,255	7.942.116	41.055.768	N/A	N/A	5,7	5,4
4		75,0	0,347	20.148.804	66.286.662	N/A	N/A	14,4	13,7
5		50,0	0,519	25.989.522	75.028.044	N/A	N/A	18,5	17,7
6		37,0	0,651	14.529.528	51.324.858	N/A	N/A	10,4	9,9
7		25,0	0,806	18.487.092	61.923.342	N/A	N/A	13,2	12,6
8		20,0	0,858	12.948.000	44.652.972	N/A	N/A	9,2	8,8
9		15,0	0,916	7.919.340	38.013.846	N/A	N/A	5,6	5,4
10		10,0	0,962	13.848.432	49.164.414	N/A	N/A	9,9	9,4
11		N/A	0,998	429.000	27.527.682	N/A	N/A	0,3	0,3

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.32 mm
Regression Equation	A single equation is not available for this method

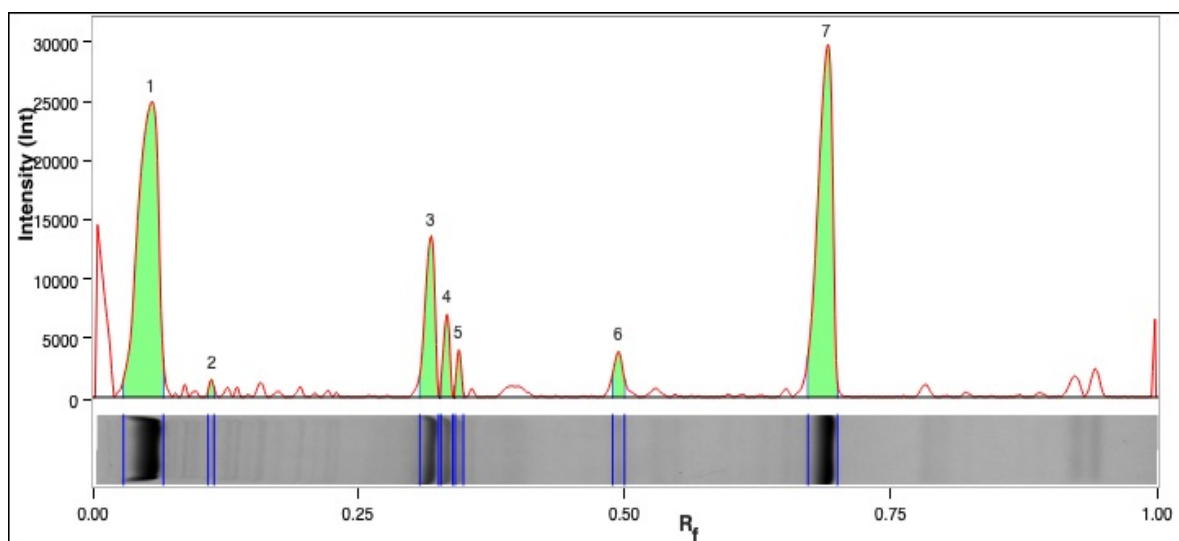
Lane 2



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,054	56.730.647	131.011.293	N/A	N/A	48,6	37,9
2		191,8	0,111	1.130.567	12.985.545	N/A	N/A	1,0	0,8
3		82,1	0,318	13.667.997	50.839.559	N/A	N/A	11,7	9,1
4		78,5	0,332	4.361.712	29.023.078	N/A	N/A	3,7	2,9
5		75,8	0,343	2.108.855	19.759.869	N/A	N/A	1,8	1,4
6		33,5	0,691	38.620.838	81.447.638	N/A	N/A	33,1	25,8

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.07 mm
Regression Equation	A single equation is not available for this method

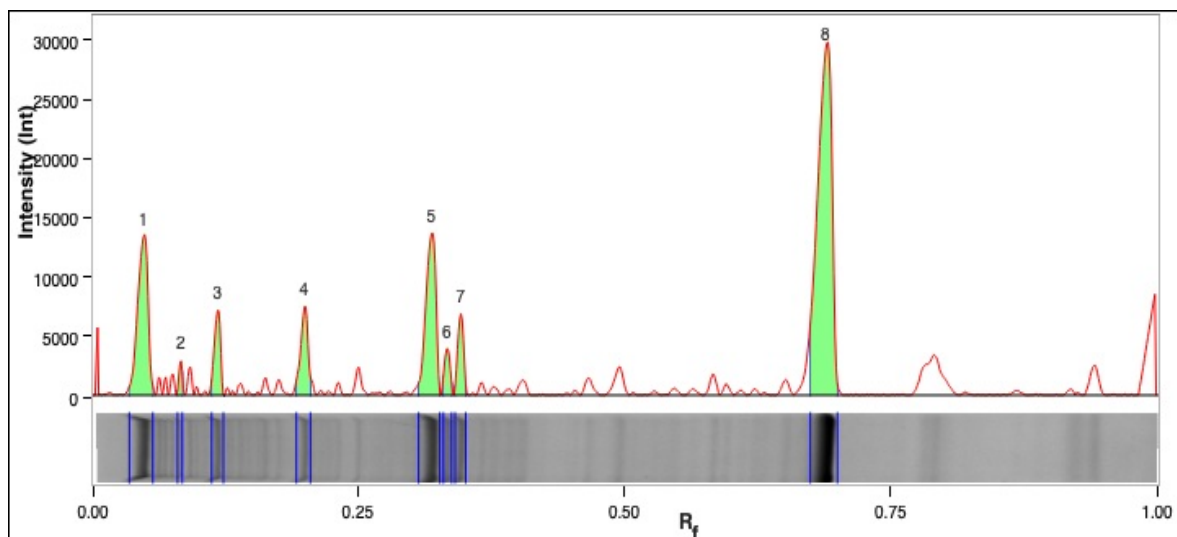
Lane 3



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	49.897.304	114.880.768	N/A	N/A	43,5	34,1
2		190,5	0,113	642.988	11.285.916	N/A	N/A	0,6	0,4
3		82,1	0,318	12.614.120	48.125.660	N/A	N/A	11,0	8,6
4		78,2	0,333	4.314.800	28.948.536	N/A	N/A	3,8	2,9
5		75,5	0,344	1.869.900	19.759.024	N/A	N/A	1,6	1,3
6		52,9	0,494	2.942.804	19.218.248	N/A	N/A	2,6	2,0
7		33,5	0,690	42.313.100	85.779.236	N/A	N/A	36,9	28,9

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 4

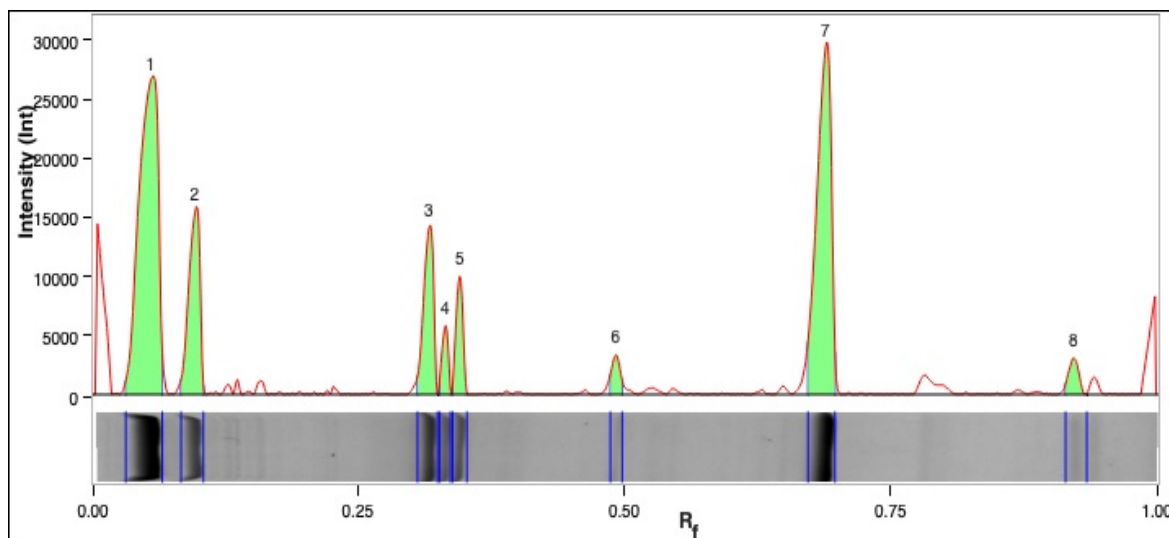


Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,049	13.054.496	52.280.319	N/A	N/A	16,1	11,1
2		225,4	0,084	889.070	10.650.003	N/A	N/A	1,1	0,8
3		184,5	0,118	4.045.769	24.111.269	N/A	N/A	5,0	3,4
4		124,7	0,200	5.156.151	29.517.852	N/A	N/A	6,4	4,4
5		81,8	0,319	12.738.089	51.829.505	N/A	N/A	15,7	10,8
6		78,2	0,333	2.092.818	20.377.994	N/A	N/A	2,6	1,8
7		75,0	0,347	3.813.446	26.738.894	N/A	N/A	4,7	3,2
8		33,6	0,689	39.201.162	80.932.943	N/A	N/A	48,4	33,3

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.21 mm

Regression Equation	A single equation is not available for this method
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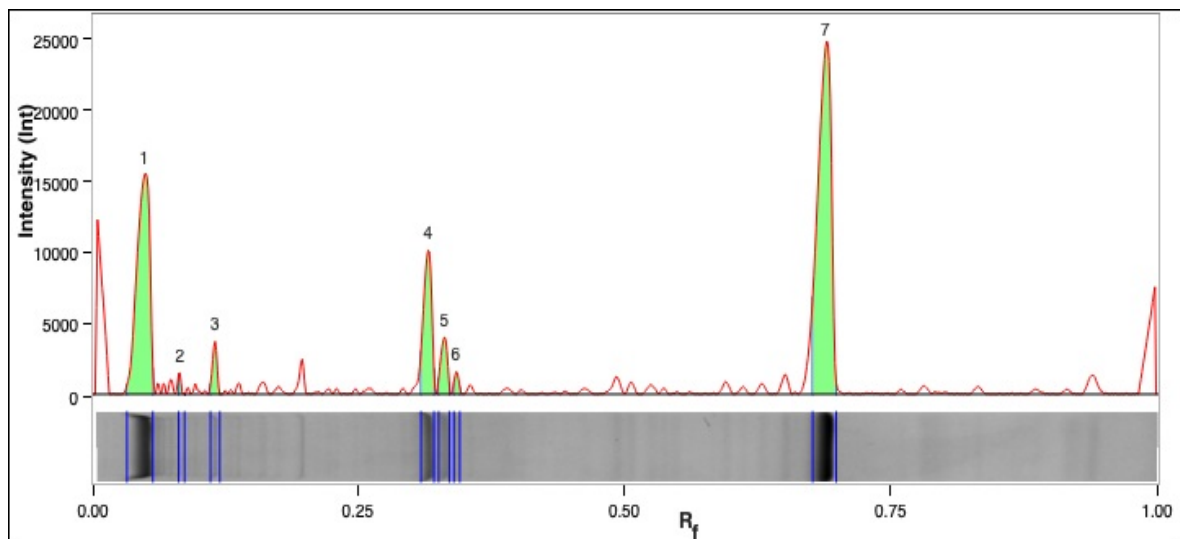
Lane 5



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	49.048.167	107.667.750	N/A	N/A	36,5	30,1
2		208,6	0,097	16.673.527	53.809.133	N/A	N/A	12,4	10,2
3		82,4	0,317	13.097.151	50.312.679	N/A	N/A	9,8	8,0
4		78,5	0,332	3.459.786	26.438.696	N/A	N/A	2,6	2,1
5		75,3	0,345	6.605.313	35.159.895	N/A	N/A	4,9	4,1
6		53,2	0,492	2.574.325	20.431.997	N/A	N/A	1,9	1,6
7		33,6	0,689	39.916.945	79.066.532	N/A	N/A	29,7	24,5
8		14,3	0,922	2.897.306	33.985.184	N/A	N/A	2,2	1,8

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.07 mm
Regression Equation	A single equation is not available for this method

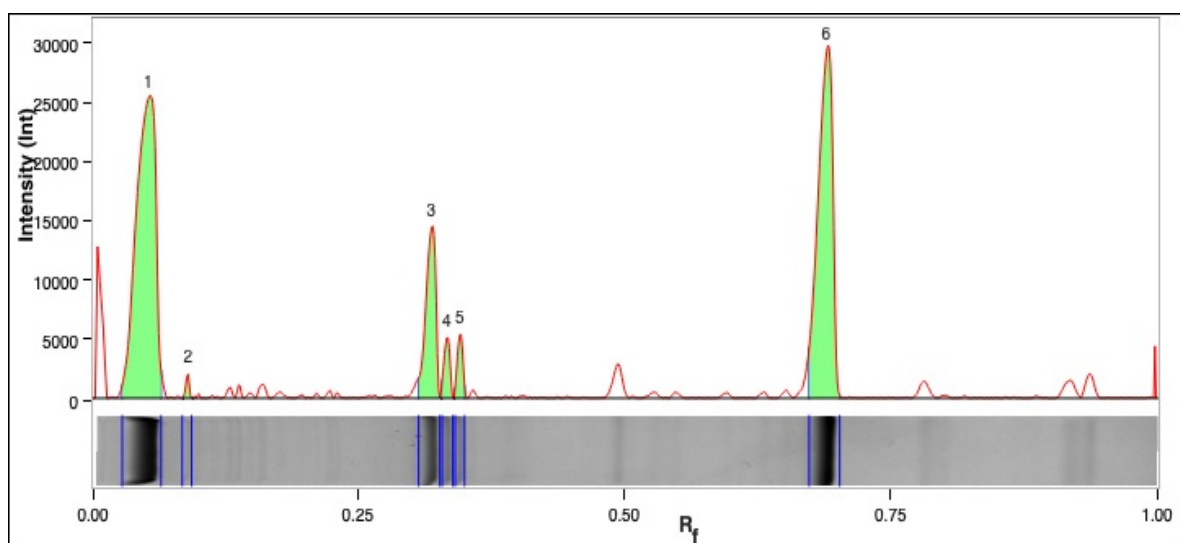
Lane 6



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,050	20.714.874	64.733.046	N/A	N/A	30,8	20,7
2		226,9	0,083	265.698	10.566.324	N/A	N/A	0,4	0,3
3		186,9	0,116	1.755.486	16.859.382	N/A	N/A	2,6	1,8
4		82,6	0,316	8.194.356	31.038.903	N/A	N/A	12,2	8,2
5		78,7	0,331	2.654.370	21.464.553	N/A	N/A	4,0	2,6
6		76,0	0,342	630.489	11.121.471	N/A	N/A	0,9	0,6
7		33,6	0,689	32.980.395	68.424.543	N/A	N/A	49,1	32,9

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.94 mm
Regression Equation	A single equation is not available for this method

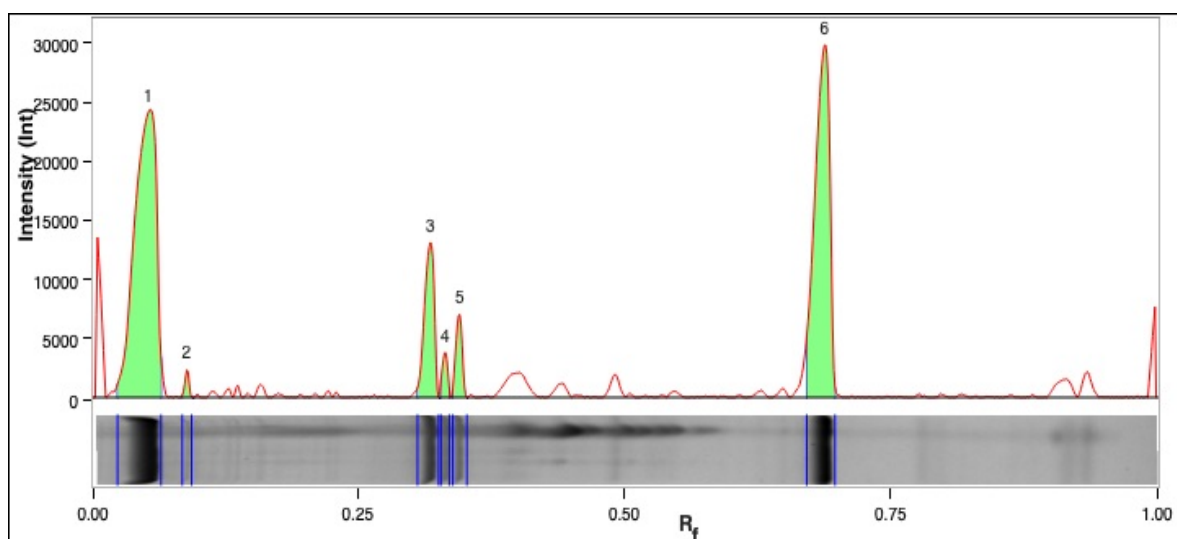
Lane 7



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,053	47.390.898	106.401.725	N/A	N/A	43,9	36,0
2		216,8	0,091	658.511	14.238.843	N/A	N/A	0,6	0,5
3		81,8	0,319	13.538.235	50.171.436	N/A	N/A	12,5	10,3
4		78,2	0,333	2.917.153	22.616.413	N/A	N/A	2,7	2,2
5		75,3	0,345	2.888.139	20.915.089	N/A	N/A	2,7	2,2
6		33,5	0,690	40.651.996	82.623.862	N/A	N/A	37,6	30,9

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.07 mm
Regression Equation	A single equation is not available for this method

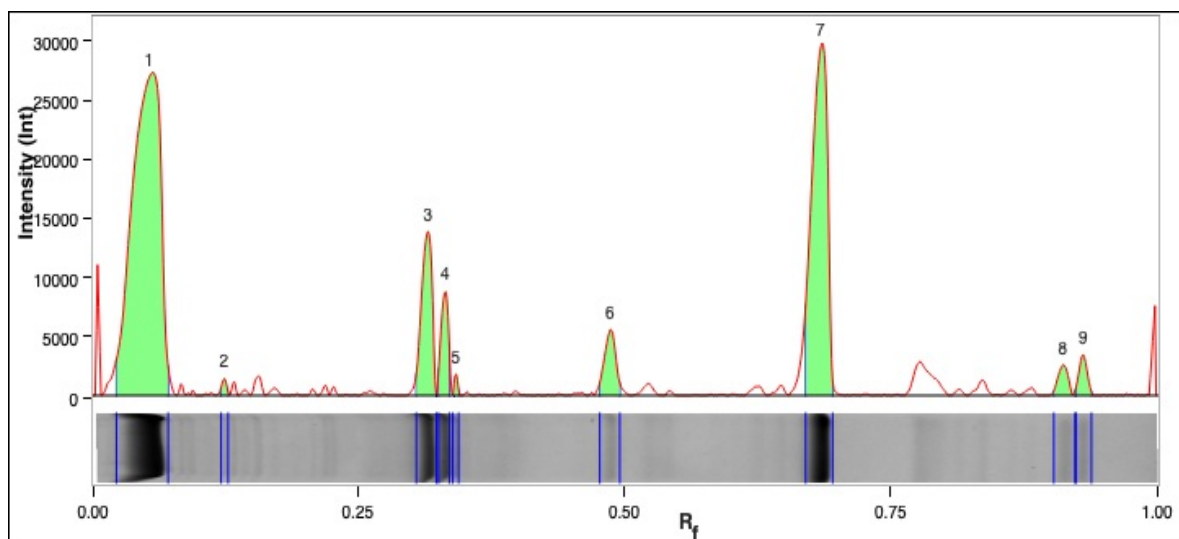
Lane 8



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,053	49.074.954	116.048.486	N/A	N/A	45,5	35,9
2		218,3	0,089	867.224	16.979.754	N/A	N/A	0,8	0,6
3		82,1	0,318	11.625.738	49.102.216	N/A	N/A	10,8	8,5
4		78,5	0,332	1.924.422	19.200.102	N/A	N/A	1,8	1,4
5		75,3	0,345	4.197.832	29.372.440	N/A	N/A	3,9	3,1
6		33,7	0,688	40.152.282	77.337.306	N/A	N/A	37,2	29,4

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.87 mm
Regression Equation	A single equation is not available for this method

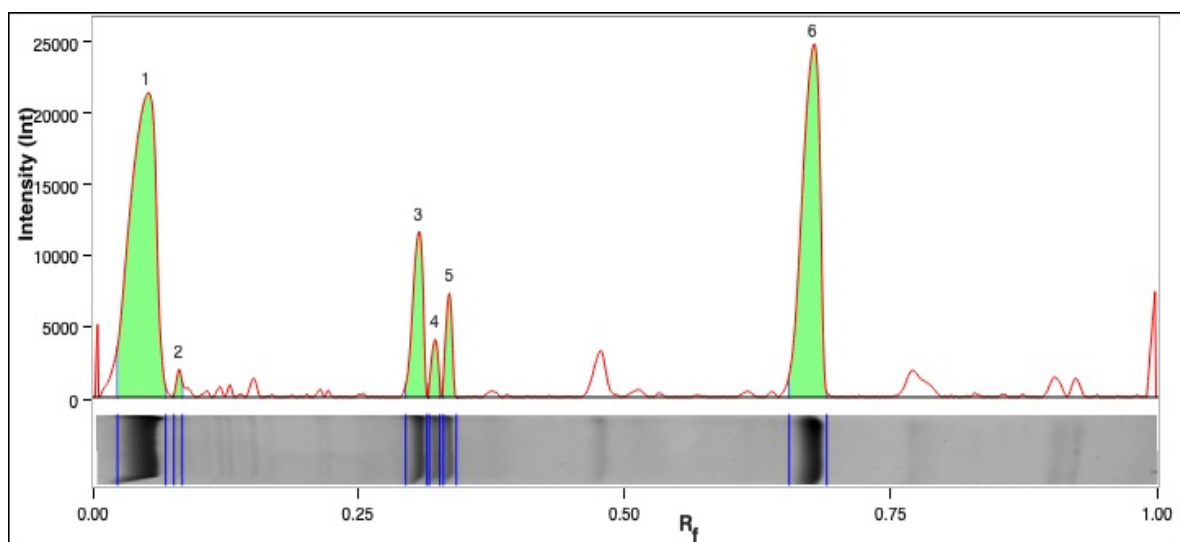
Lane 9



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,054	74.155.991	151.175.297	N/A	N/A	49,5	42,1
2		177,5	0,125	578.123	12.507.222	N/A	N/A	0,4	0,3
3		82,6	0,316	13.768.300	54.685.813	N/A	N/A	9,2	7,8
4		78,5	0,332	6.252.974	33.616.856	N/A	N/A	4,2	3,6
5		76,0	0,342	599.326	12.886.510	N/A	N/A	0,4	0,3
6		53,9	0,487	5.886.699	32.943.729	N/A	N/A	3,9	3,3
7		34,0	0,684	43.452.136	81.016.936	N/A	N/A	29,0	24,7
8		15,3	0,912	2.496.585	34.782.384	N/A	N/A	1,7	1,4
9		13,2	0,930	2.665.572	26.357.513	N/A	N/A	1,8	1,5

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	6.21 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	0,051	54.527.511	120.540.501	N/A	N/A	46,3	38,7
2		228,4	0,082	1.041.738	13.871.454	N/A	N/A	0,9	0,7
3		85,0	0,307	11.694.540	48.757.932	N/A	N/A	9,9	8,3
4		80,9	0,322	2.709.876	25.648.731	N/A	N/A	2,3	1,9
5		77,6	0,336	4.614.654	30.404.673	N/A	N/A	3,9	3,3
6		34,7	0,677	43.211.856	91.918.371	N/A	N/A	36,7	30,6

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.94 mm
Regression Equation	A single equation is not available for this method