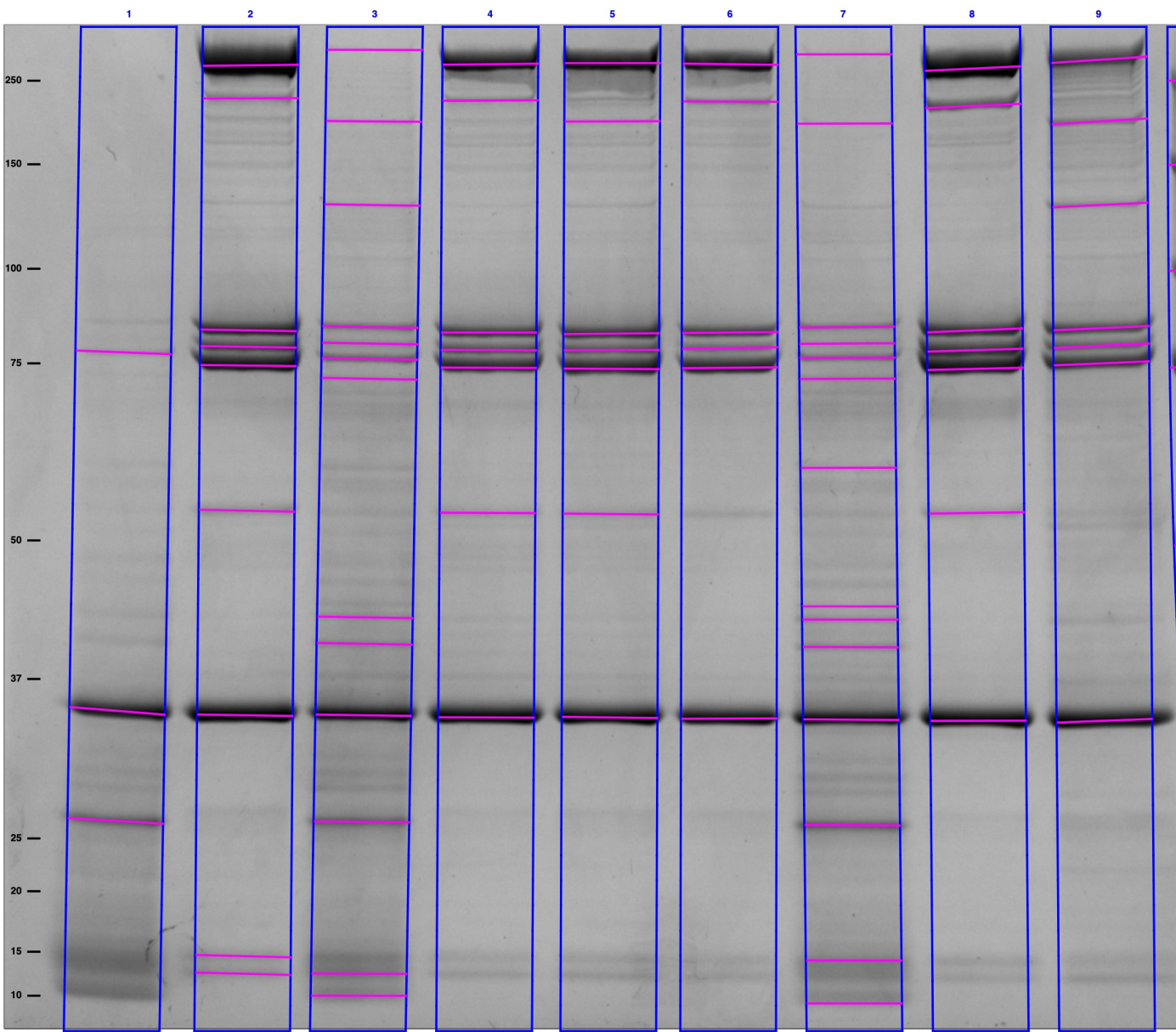


Image Report: polline 7agosto1



/Users/ceciliarudelli/Desktop/DOTTORATO/progettoPOLLINE/polline 7agosto1.scn

Acquisition Information

Imager	ChemiDoc MP
Exposure Time (sec)	9.173 (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 12:21:58 PM
User Name	FisioLab
Image Area (mm)	X: 80.7 Y: 62.3
Pixel Size (µm)	X: 68.2 Y: 68.2
Data Range (Int)	12314 - 54347

Analysis Settings

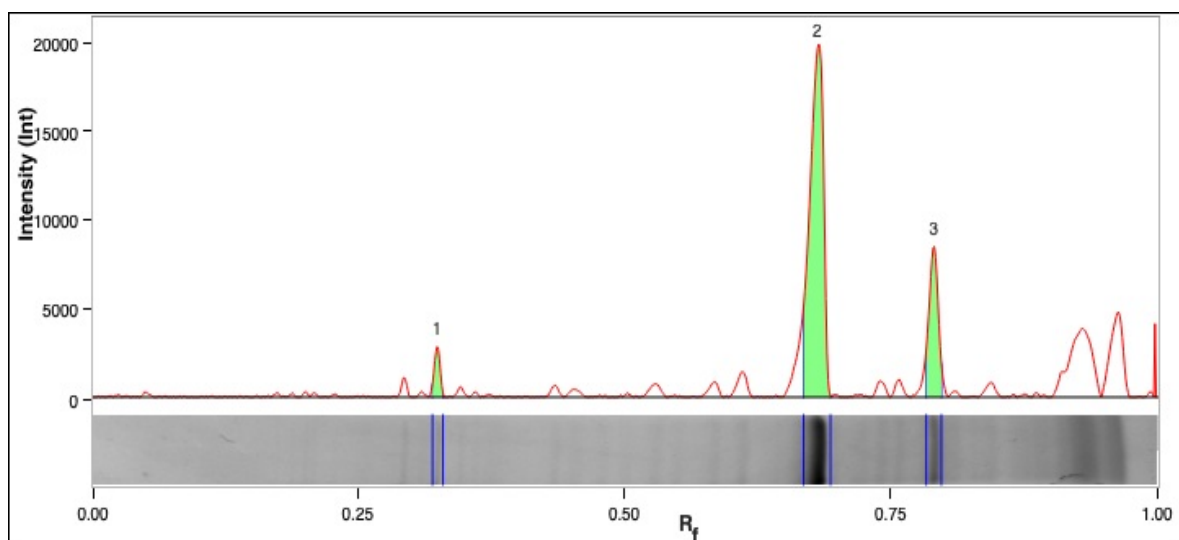
Detection	<p>Lane detection: Automatically detected lanes with manual adjustments</p> <p>Band detection: Automatically detected bands with sensitivity: Low Manually adjusted bands</p> <p>Lane Background Subtraction: Lane background subtracted with disk size: 0.1</p> <p>Lane width: Variable</p>
Mol. Weight Analysis	<p>Standard: Bio-Rad Precision Plus</p> <p>Standard lanes: last</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	37.453.326	119.482.668	69.274.446	1.517.249.637	1.447.975.191	N/A
2	167.651.958	444.412.008	192.751.458	1.602.470.487	1.409.719.029	N/A
3	63.068.997	314.264.358	92.015.811	1.617.626.061	1.525.610.250	N/A
4	123.510.159	331.423.716	151.371.387	1.529.646.441	1.378.275.054	N/A
5	111.891.570	329.459.169	138.880.101	1.567.025.469	1.428.145.368	N/A
6	112.760.439	297.137.103	135.701.382	1.505.499.852	1.369.798.470	N/A
7	58.386.309	297.694.599	87.300.063	1.575.764.880	1.488.464.817	N/A
8	154.112.061	414.539.340	171.249.321	1.557.382.128	1.386.132.807	N/A
9	97.131.759	319.600.329	126.773.181	1.567.799.769	1.441.026.588	N/A
10	211.175.349	642.244.064	218.828.379	1.506.765.722	1.287.937.343	N/A

Lane And Band Analysis

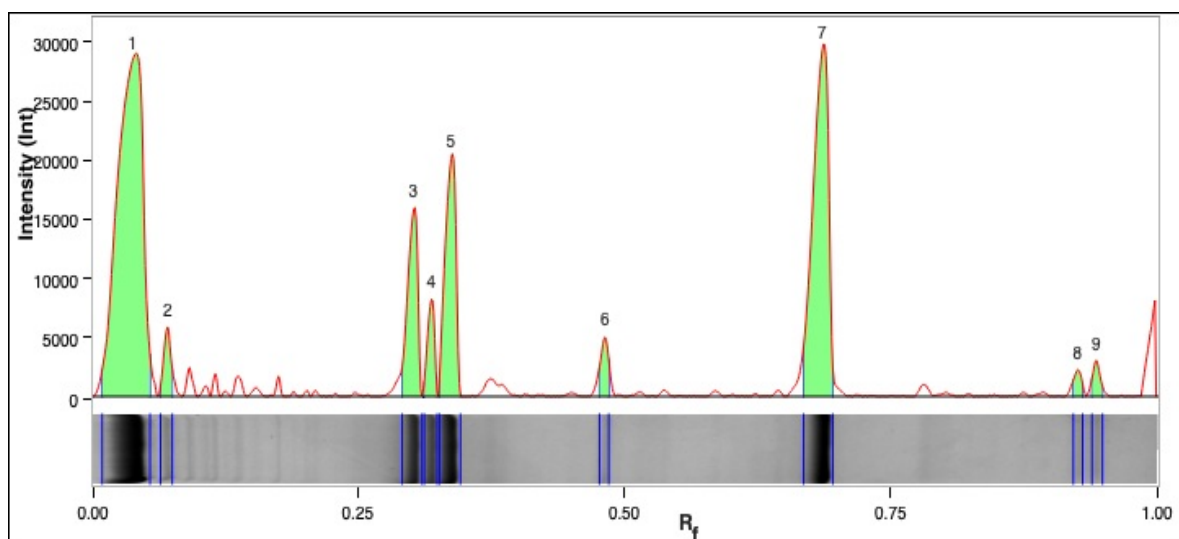
Lane 1



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		77,6	0,324	1.743.045	16.782.996	N/A	N/A	4,7	2,5
2		34,2	0,681	27.760.830	68.905.566	N/A	N/A	74,1	40,1
3		26,1	0,791	7.949.451	33.794.106	N/A	N/A	21,2	11,5

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 2

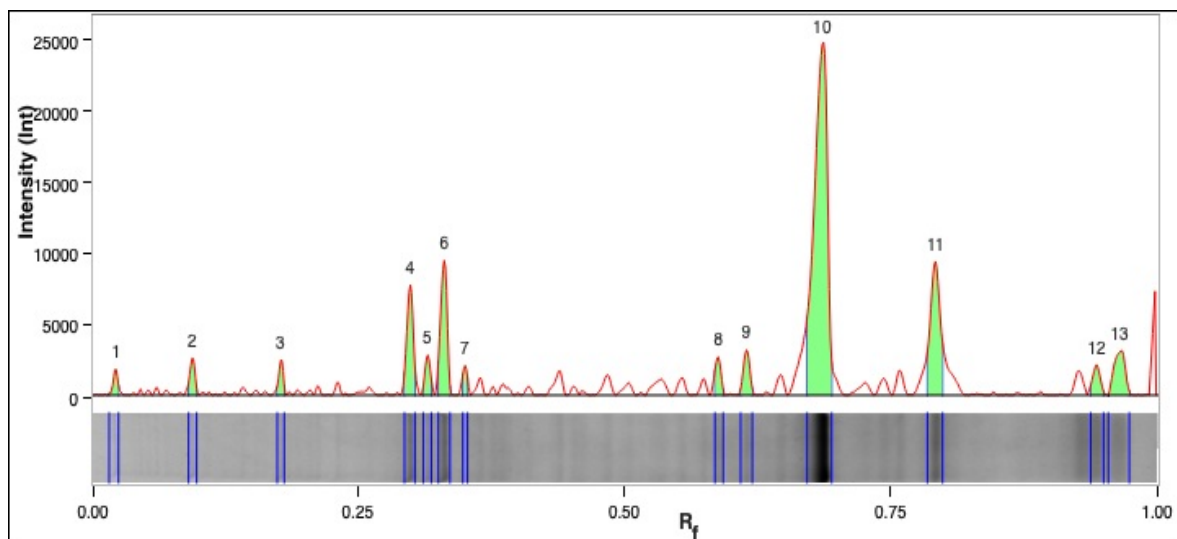


Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,038	71.070.300	135.110.826	N/A	N/A	42,4	36,9

2		224,5	0,071	4.074.993	22.764.159	N/A	N/A	2,4	2,1
3		82,9	0,302	15.051.783	52.034.004	N/A	N/A	9,0	7,8
4		78,9	0,319	5.610.978	35.131.557	N/A	N/A	3,3	2,9
5		74,6	0,337	21.218.604	64.315.446	N/A	N/A	12,7	11,0
6		53,5	0,482	3.389.085	16.497.636	N/A	N/A	2,0	1,8
7		33,8	0,686	43.899.156	84.999.261	N/A	N/A	26,2	22,8
8		14,4	0,926	1.475.172	16.618.218	N/A	N/A	0,9	0,8
9		12,2	0,943	1.861.887	16.940.901	N/A	N/A	1,1	1,0

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

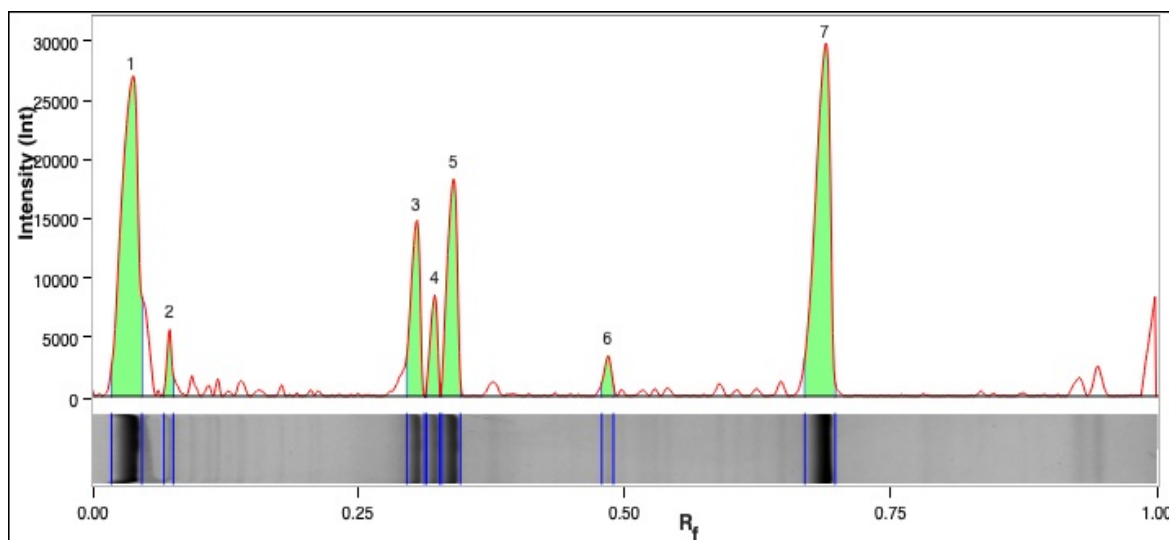
Lane 3



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,023	814.842	13.592.706	N/A	N/A	1,3	0,9
2		195,0	0,094	1.279.596	12.483.630	N/A	N/A	2,0	1,4
3		128,1	0,177	1.054.614	11.470.167	N/A	N/A	1,7	1,1
4		83,8	0,299	4.630.314	21.795.414	N/A	N/A	7,3	5,0
5		79,7	0,315	1.428.975	15.638.859	N/A	N/A	2,3	1,6
6		76,0	0,331	5.756.877	24.960.126	N/A	N/A	9,1	6,3
7		72,4	0,350	737.238	9.424.797	N/A	N/A	1,2	0,8
8		42,3	0,588	1.262.892	13.618.893	N/A	N/A	2,0	1,4
9		39,9	0,614	1.966.722	22.039.275	N/A	N/A	3,1	2,1
10		33,8	0,686	30.681.768	71.999.634	N/A	N/A	48,6	33,3
11		26,0	0,792	8.650.497	33.647.511	N/A	N/A	13,7	9,4
12		12,2	0,943	1.434.456	24.952.992	N/A	N/A	2,3	1,6
13		10,0	0,965	3.370.206	38.640.354	N/A	N/A	5,3	3,7

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

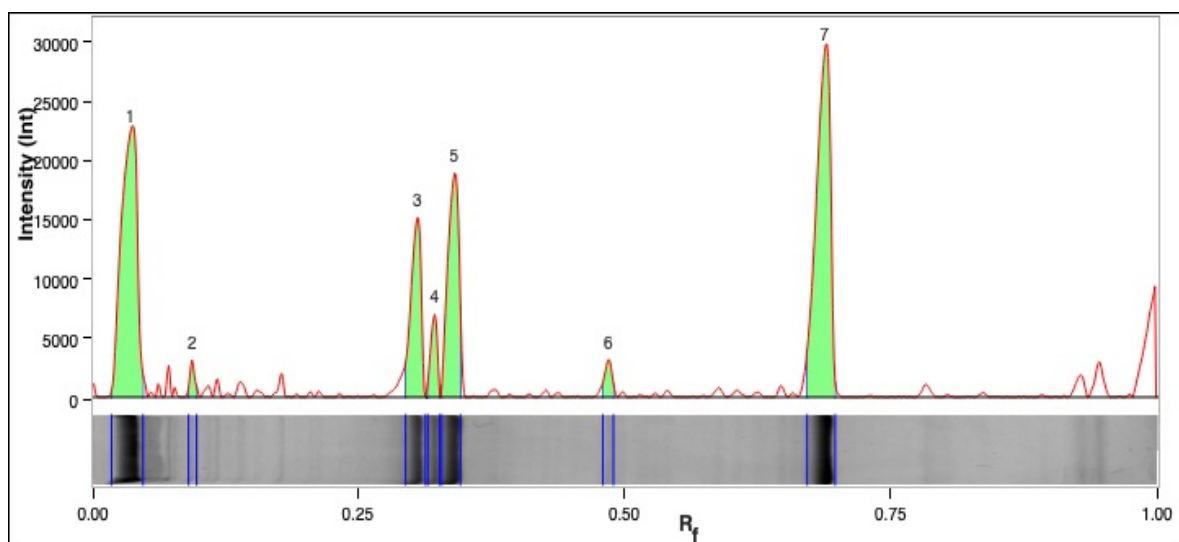
Lane 4



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,037	42.459.045	83.567.763	N/A	N/A	34,4	28,0
2		221,5	0,073	2.702.133	18.033.795	N/A	N/A	2,2	1,8
3		82,4	0,304	12.291.273	41.534.235	N/A	N/A	10,0	8,1
4		78,1	0,322	5.699.544	31.841.391	N/A	N/A	4,6	3,8
5		74,2	0,340	17.151.267	52.976.649	N/A	N/A	13,9	11,3
6		53,2	0,484	2.340.648	18.924.327	N/A	N/A	1,9	1,5
7		33,7	0,688	40.866.249	84.545.556	N/A	N/A	33,1	27,0

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

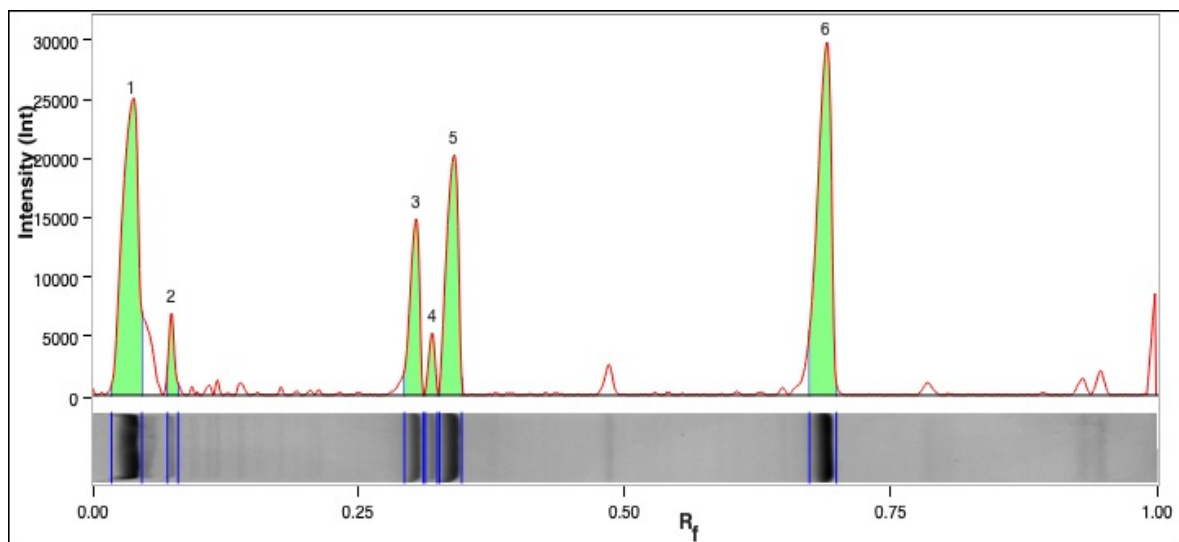
Lane 5



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,036	33.194.415	84.587.925	N/A	N/A	29,7	23,9
2		195,0	0,094	1.357.635	13.619.763	N/A	N/A	1,2	1,0
3		82,1	0,306	13.610.454	48.787.599	N/A	N/A	12,2	9,8
4		78,1	0,322	4.264.044	29.379.465	N/A	N/A	3,8	3,1
5		74,1	0,341	19.304.604	57.132.726	N/A	N/A	17,3	13,9
6		53,1	0,485	2.047.110	17.446.458	N/A	N/A	1,8	1,5
7		33,7	0,688	38.113.308	78.505.233	N/A	N/A	34,1	27,4

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

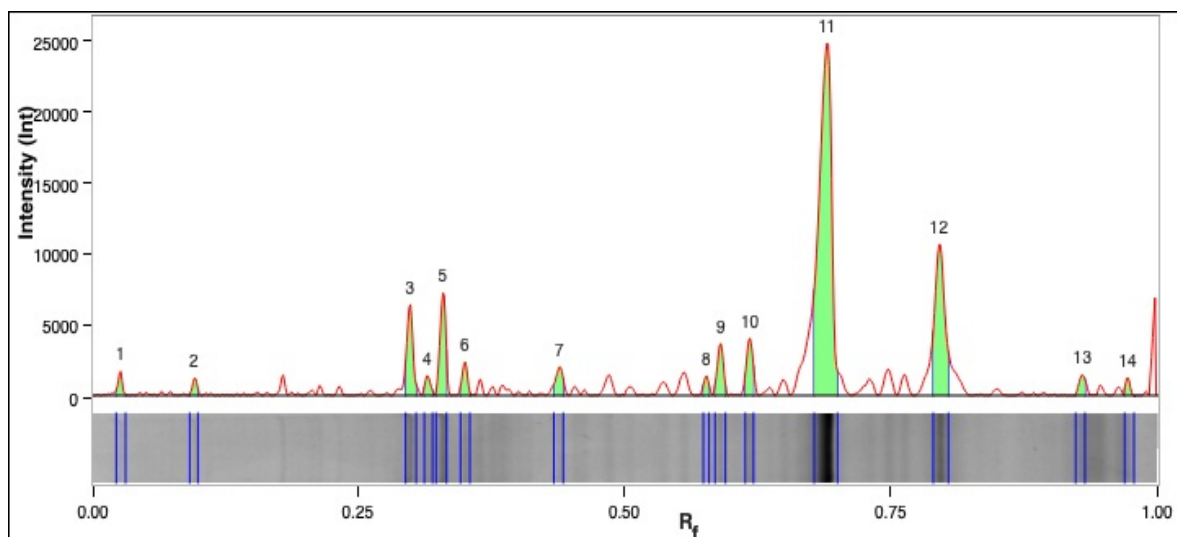
Lane 6



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,037	36.305.535	80.243.406	N/A	N/A	32,2	26,8
2		220,0	0,074	3.326.358	17.515.188	N/A	N/A	2,9	2,5
3		82,4	0,304	12.346.605	41.577.909	N/A	N/A	10,9	9,1
4		78,6	0,320	2.932.770	24.983.616	N/A	N/A	2,6	2,2
5		74,2	0,340	21.422.445	60.805.257	N/A	N/A	19,0	15,8
6		33,6	0,689	36.426.726	72.011.727	N/A	N/A	32,3	26,8

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

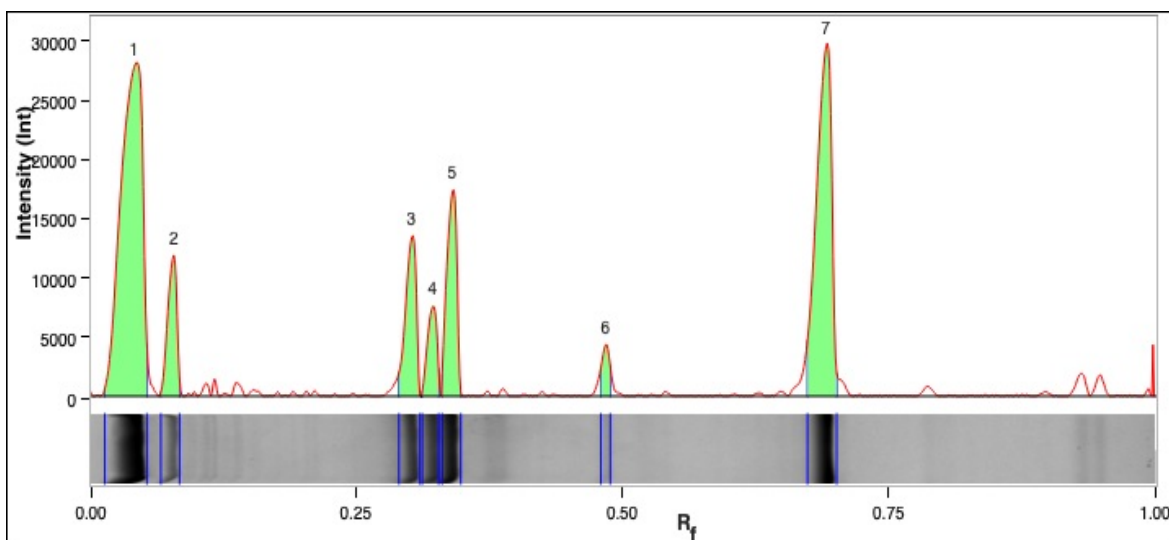


Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,027	670.944	11.840.004	N/A	N/A	1,1	0,8
2		192,4	0,096	585.162	13.822.734	N/A	N/A	1,0	0,7
3		83,8	0,299	3.516.540	18.976.614	N/A	N/A	6,0	4,0
4		79,7	0,315	680.514	13.328.748	N/A	N/A	1,2	0,8
5		76,3	0,330	4.214.106	23.967.108	N/A	N/A	7,2	4,8
6		72,4	0,350	1.228.614	19.000.800	N/A	N/A	2,1	1,4
7		59,0	0,439	1.408.530	16.874.955	N/A	N/A	2,4	1,6
8		43,3	0,577	593.340	10.047.543	N/A	N/A	1,0	0,7
9		42,1	0,590	2.201.013	18.443.478	N/A	N/A	3,8	2,5
10		39,7	0,618	2.350.218	15.604.842	N/A	N/A	4,0	2,7
11		33,5	0,690	29.649.339	65.961.138	N/A	N/A	50,8	34,0
12		25,8	0,795	9.847.791	33.316.128	N/A	N/A	16,9	11,3

13		13,8	0,930	926.550	21.472.905	N/A	N/A	1,6	1,1
14		10,0	0,973	513.648	15.037.602	N/A	N/A	0,9	0,6

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

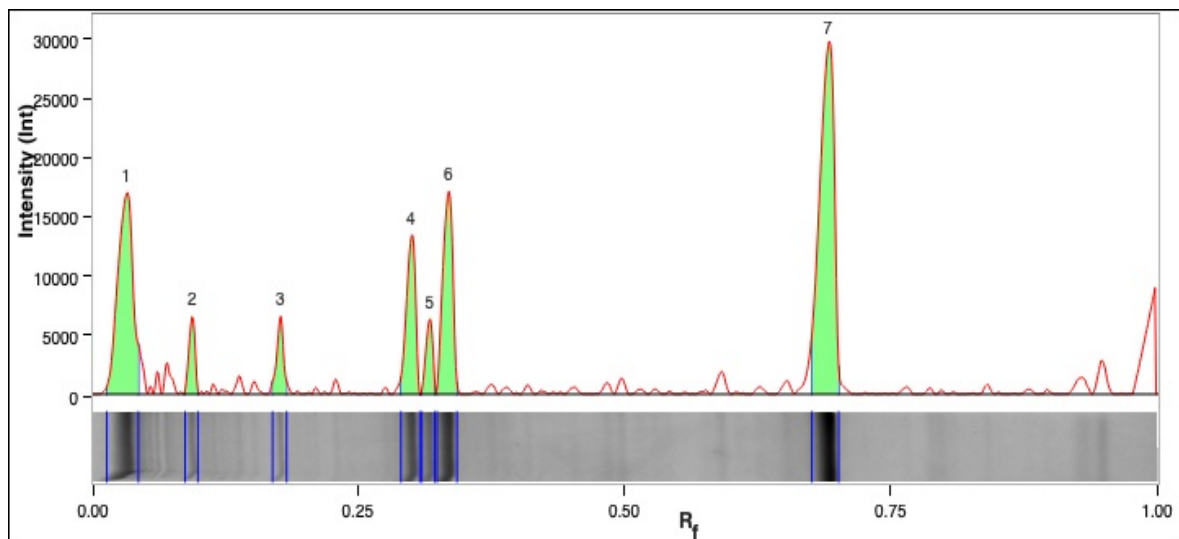
Lane 8



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,042	59.702.445	119.463.006	N/A	N/A	38,7	34,9
2		214,2	0,079	10.514.733	40.200.612	N/A	N/A	6,8	6,1
3		82,9	0,302	13.687.710	52.313.448	N/A	N/A	8,9	8,0
4		78,1	0,322	6.996.801	46.680.111	N/A	N/A	4,5	4,1
5		74,1	0,341	16.998.234	59.165.394	N/A	N/A	11,0	9,9
6		53,2	0,484	3.004.980	15.595.272	N/A	N/A	1,9	1,8
7		33,4	0,691	43.207.158	81.121.497	N/A	N/A	28,0	25,2

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

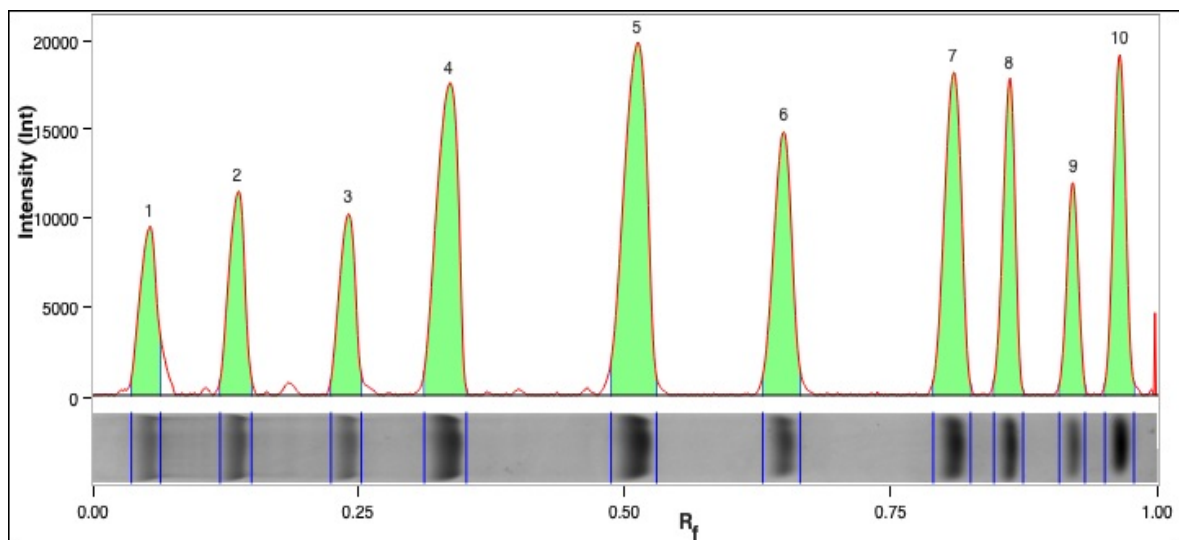
Lane 9



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,033	22.966.956	72.685.542	N/A	N/A	23,6	18,1
2		195,0	0,094	3.560.388	25.826.907	N/A	N/A	3,7	2,8
3		128,1	0,177	3.718.206	21.743.823	N/A	N/A	3,8	2,9
4		83,5	0,300	10.527.783	41.118.897	N/A	N/A	10,8	8,3
5		79,1	0,318	3.831.480	29.110.374	N/A	N/A	3,9	3,0
6		75,0	0,335	14.995.929	52.689.723	N/A	N/A	15,4	11,8
7		33,4	0,691	37.531.017	76.425.063	N/A	N/A	38,6	29,6

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

Lane 10 - 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	0,054	13.149.521	51.387.567	N/A	N/A	6,2	6,0
2		150,0	0,137	15.264.403	58.872.506	N/A	N/A	7,2	7,0
3		100,0	0,241	13.666.653	53.164.419	N/A	N/A	6,5	6,2
4		75,0	0,335	31.940.678	84.698.999	N/A	N/A	15,1	14,6
5		50,0	0,512	38.660.391	92.041.411	N/A	N/A	18,3	17,7
6		37,0	0,650	22.575.784	66.579.436	N/A	N/A	10,7	10,3
7		25,0	0,808	26.032.006	74.190.501	N/A	N/A	12,3	11,9
8		20,0	0,861	18.313.526	56.273.987	N/A	N/A	8,7	8,4
9		15,0	0,921	11.598.048	45.673.089	N/A	N/A	5,5	5,3
10		10,0	0,965	19.974.339	59.362.149	N/A	N/A	9,5	9,1

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.26 mm
Regression Equation	A single equation is not available for this method