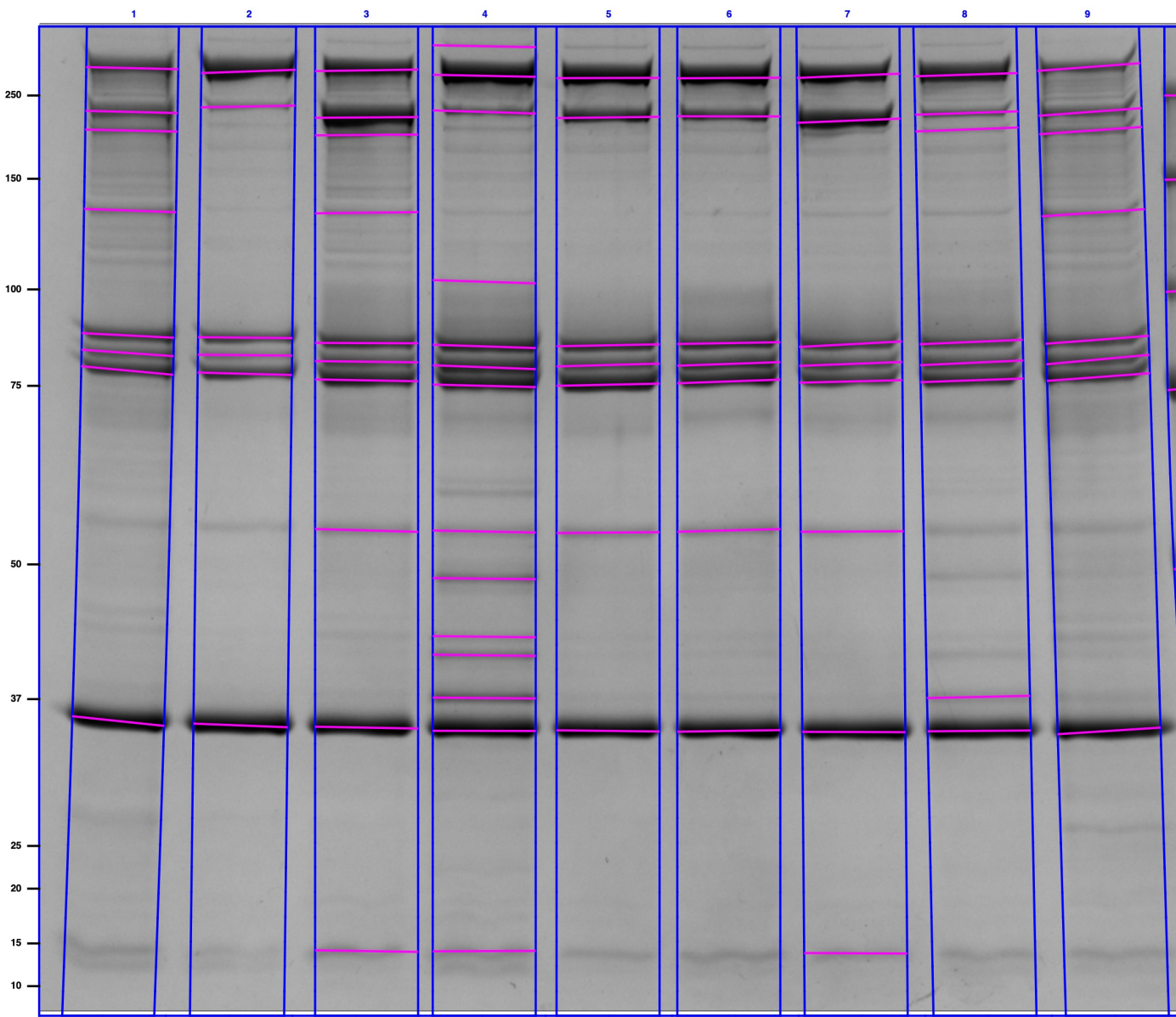


Image Report: 1prom, 2c 2d 2e 2g 2h 2ctr 2spir 2grass



/Users/ceciliarudelli/Desktop/DOTTORATO/progettoPOLLINE/settimana 4/1prom, 2c 2d 2e 2g 2h
2ctr 2spir 2grass.scn

Acquisition Information

Imager	ChemiDoc MP
Exposure Time (sec)	8.759 (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 2:08:45 PM
User Name	FisioLab
Image Area (mm)	X: 78.3 Y: 61.5
Pixel Size (µm)	X: 68.2 Y: 68.2
Data Range (Int)	15228 - 56909

Analysis Settings

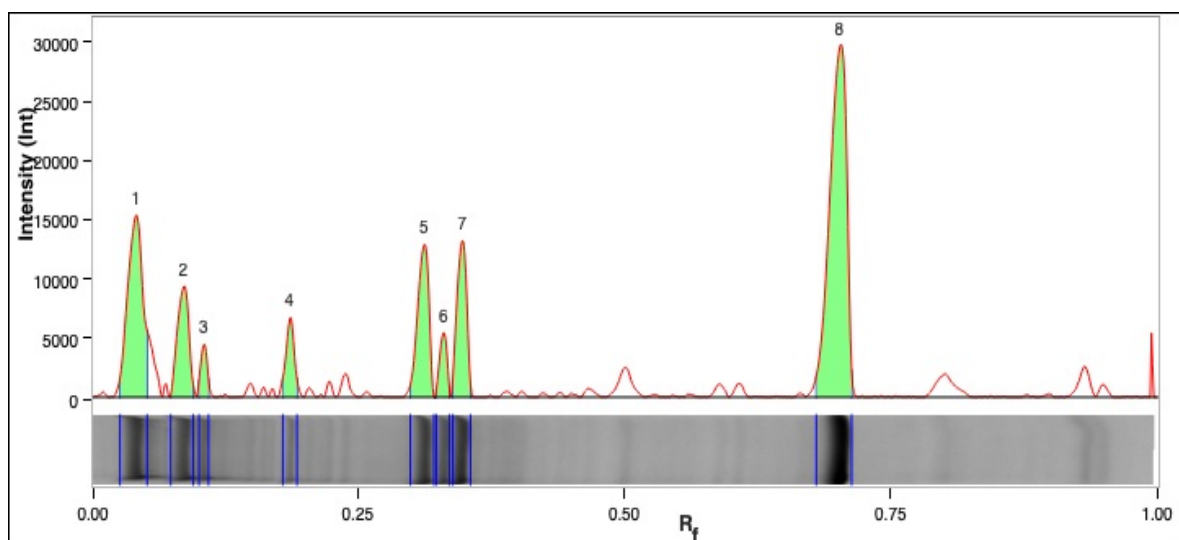
Detection	<p>Lane detection: Manually created lanes</p> <p>Band detection: Automatically detected bands with sensitivity: Low Manually adjusted bands</p> <p>Lane Background Subtraction: Lane background subtracted with disk size: 0.1</p> <p>Lane width: Variable</p>
Mol. Weight Analysis	<p>Standard: Bio-Rad 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	111.208.020	418.370.148	135.765.420	1.739.711.064	1.603.945.644	N/A
2	125.120.282	363.668.974	141.117.830	1.605.950.326	1.464.832.496	N/A
3	145.100.186	567.754.266	165.855.950	1.940.389.360	1.774.533.410	N/A
4	168.413.220	673.859.962	200.420.126	2.045.287.626	1.844.867.500	N/A
5	154.584.128	493.586.480	170.669.314	1.931.900.972	1.761.231.658	N/A
6	143.619.122	490.530.446	171.165.070	1.958.392.992	1.787.227.922	N/A
7	152.159.210	499.440.518	174.427.340	1.893.793.654	1.719.366.314	N/A
8	121.813.284	445.839.274	155.790.524	1.856.389.644	1.700.599.120	N/A
9	96.096.858	440.057.710	121.888.108	1.930.515.130	1.808.627.022	N/A
10	304.212.960	812.088.072	310.981.824	1.631.683.656	1.320.701.832	N/A

Lane And Band Analysis

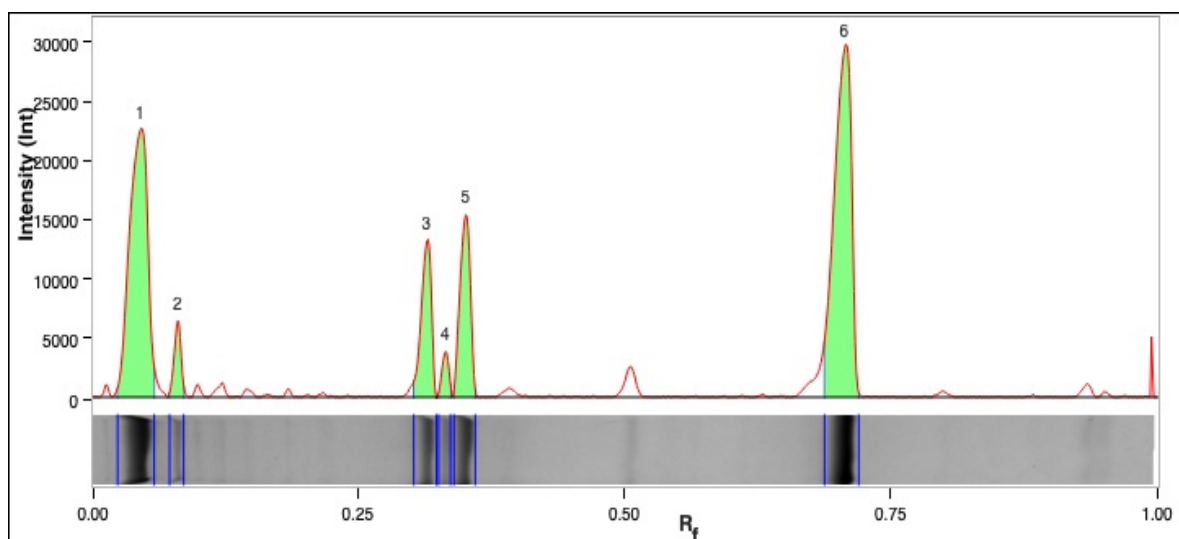
Lane 1



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,042	20.487.180	65.302.440	N/A	N/A	18,4	15,1
2		226,0	0,086	9.657.984	55.330.548	N/A	N/A	8,7	7,1
3		201,6	0,105	2.635.752	26.016.732	N/A	N/A	2,4	1,9
4		133,5	0,186	4.786.068	29.205.960	N/A	N/A	4,3	3,5
5		87,2	0,312	12.926.256	56.921.844	N/A	N/A	11,6	9,5
6		82,7	0,330	3.636.528	33.704.244	N/A	N/A	3,3	2,7
7		78,5	0,348	11.654.412	51.161.796	N/A	N/A	10,5	8,6
8		34,9	0,702	45.423.840	100.726.584	N/A	N/A	40,8	33,5

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	5.73 mm
Regression Equation	A single equation is not available for this method

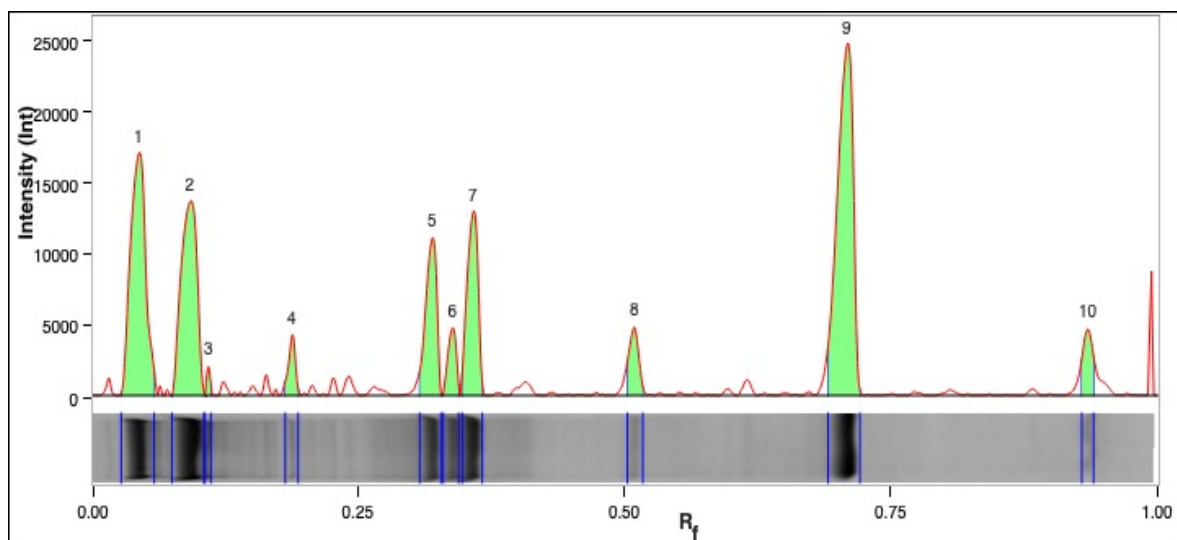
Lane 2



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,045	40.266.576	101.487.568	N/A	N/A	32,2	28,5
2		233,7	0,081	4.328.466	30.609.722	N/A	N/A	3,5	3,1
3		86,6	0,315	13.101.326	51.871.588	N/A	N/A	10,5	9,3
4		82,2	0,332	2.544.224	25.970.968	N/A	N/A	2,0	1,8
5		77,7	0,351	15.644.948	55.843.068	N/A	N/A	12,5	11,1
6		34,5	0,707	49.234.742	97.886.060	N/A	N/A	39,3	34,9

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

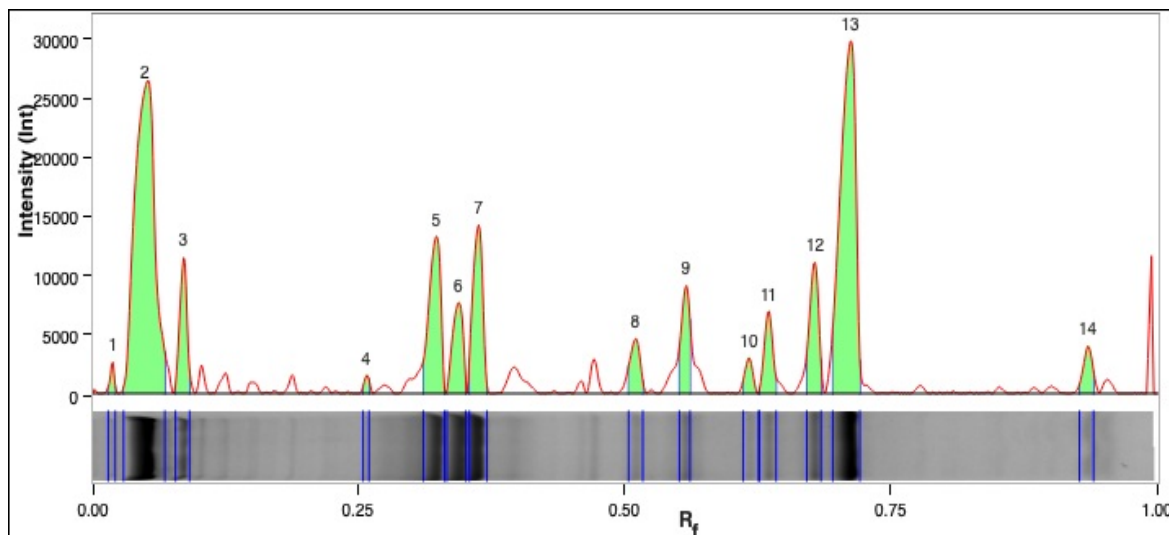
Lane 3



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,044	29.349.056	97.888.122	N/A	N/A	20,2	17,7
2		218,6	0,092	24.640.220	103.224.972	N/A	N/A	17,0	14,9
3		196,3	0,110	823.534	21.159.306	N/A	N/A	0,6	0,5
4		132,4	0,188	3.201.546	26.904.022	N/A	N/A	2,2	1,9
5		85,2	0,320	13.497.836	59.132.768	N/A	N/A	9,3	8,1
6		80,6	0,339	4.483.236	44.900.228	N/A	N/A	3,1	2,7
7		76,2	0,358	16.118.556	66.319.632	N/A	N/A	11,1	9,7
8		54,0	0,509	4.778.866	28.602.508	N/A	N/A	3,3	2,9
9		34,3	0,709	43.506.114	96.021.564	N/A	N/A	30,0	26,2
10		13,9	0,935	4.701.222	23.601.144	N/A	N/A	3,2	2,8

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

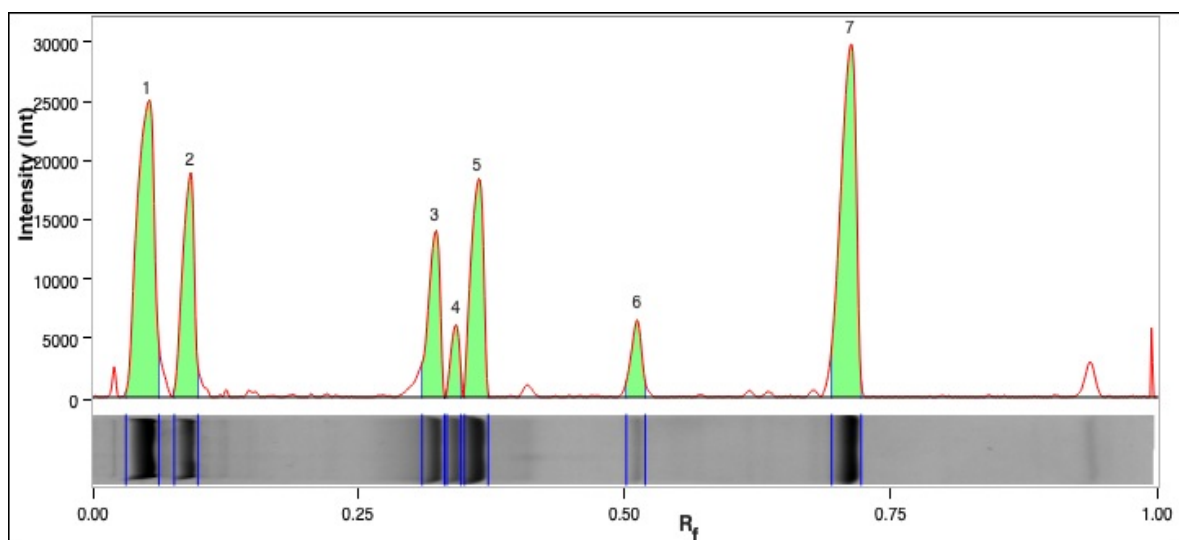
Lane 4



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,020	1.011.064	17.481.650	N/A	N/A	0,6	0,5
2		250,0	0,050	50.117.322	131.058.936	N/A	N/A	29,8	25,0
3		226,0	0,086	7.910.194	40.305.884	N/A	N/A	4,7	3,9
4		102,9	0,258	696.446	13.176.262	N/A	N/A	0,4	0,3
5		84,4	0,323	14.417.814	64.929.090	N/A	N/A	8,6	7,2
6		79,3	0,344	7.672.468	63.515.424	N/A	N/A	4,6	3,8
7		75,0	0,363	13.257.666	62.460.180	N/A	N/A	7,9	6,6
8		53,9	0,511	3.918.484	27.411.528	N/A	N/A	2,3	2,0
9		48,4	0,558	6.862.658	26.589.780	N/A	N/A	4,1	3,4
10		42,5	0,617	2.073.734	29.076.550	N/A	N/A	1,2	1,0
11		40,8	0,636	5.509.810	37.013.440	N/A	N/A	3,3	2,7
12		37,1	0,679	9.125.614	38.219.084	N/A	N/A	5,4	4,6
13		34,0	0,712	42.568.182	94.202.100	N/A	N/A	25,3	21,2
14		13,9	0,935	3.271.764	28.420.054	N/A	N/A	1,9	1,6

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

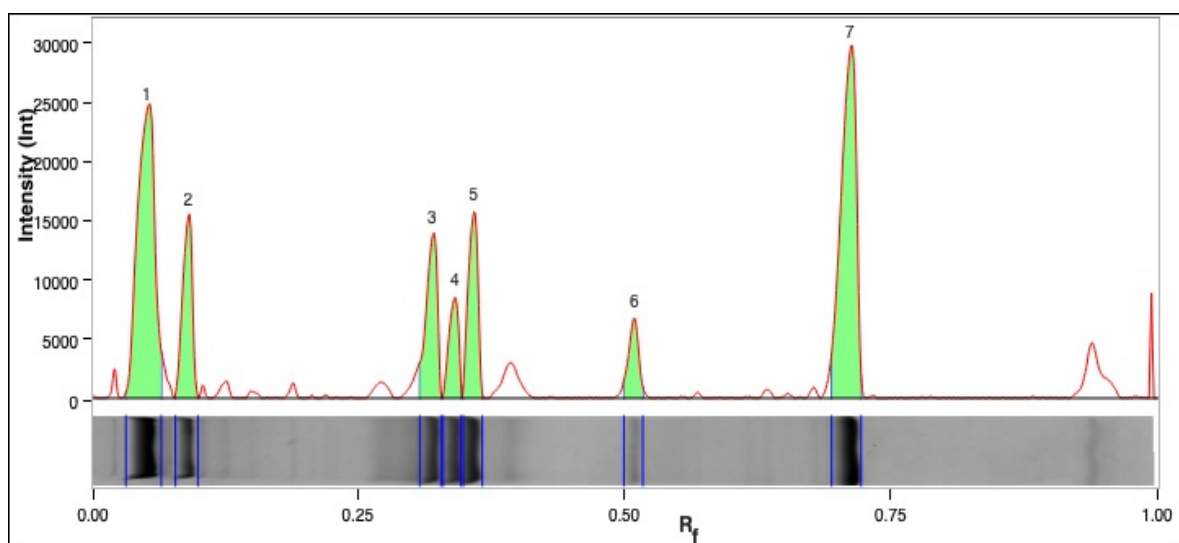
Lane 5



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,052	41.239.022	106.479.064	N/A	N/A	26,7	24,2
2		218,6	0,092	21.130.918	70.869.232	N/A	N/A	13,7	12,4
3		84,6	0,322	15.112.286	63.049.560	N/A	N/A	9,8	8,9
4		79,8	0,342	4.991.494	42.450.776	N/A	N/A	3,2	2,9
5		75,2	0,362	22.082.386	79.070.544	N/A	N/A	14,3	12,9
6		53,7	0,512	6.481.864	37.869.874	N/A	N/A	4,2	3,8
7		34,0	0,712	43.546.158	93.797.430	N/A	N/A	28,2	25,5

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

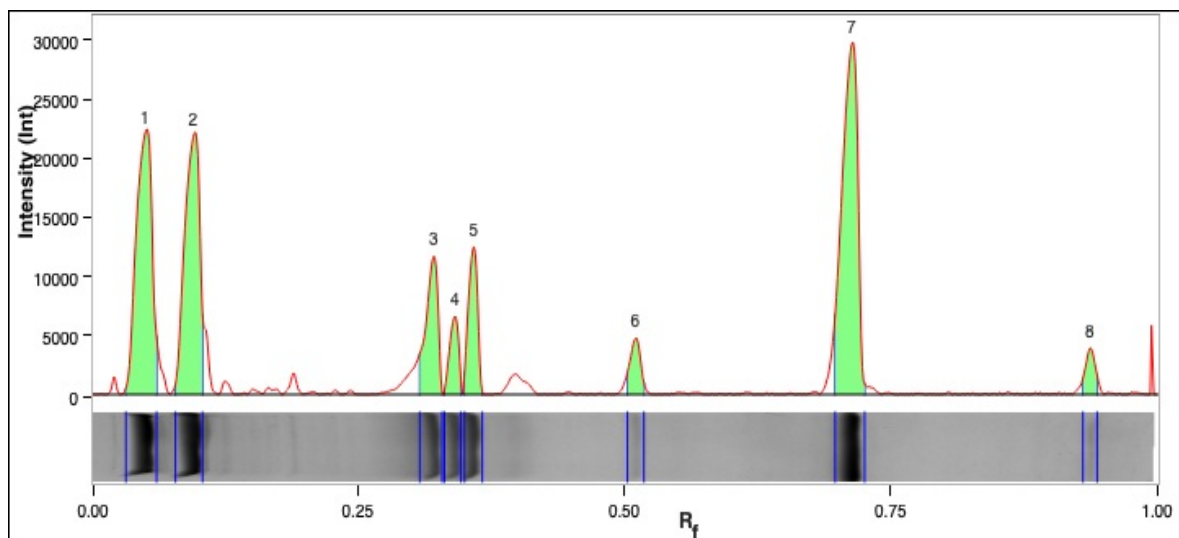
Lane 6



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,052	41.578.926	112.174.430	N/A	N/A	29,0	24,3
2		220,0	0,091	14.466.130	61.427.590	N/A	N/A	10,1	8,5
3		85,2	0,320	14.810.640	64.187.242	N/A	N/A	10,3	8,7
4		80,1	0,341	7.924.482	55.969.762	N/A	N/A	5,5	4,6
5		76,0	0,359	14.852.188	63.205.506	N/A	N/A	10,3	8,7
6		54,0	0,509	6.513.260	38.509.826	N/A	N/A	4,5	3,8
7		34,0	0,712	43.473.496	95.056.090	N/A	N/A	30,3	25,4

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

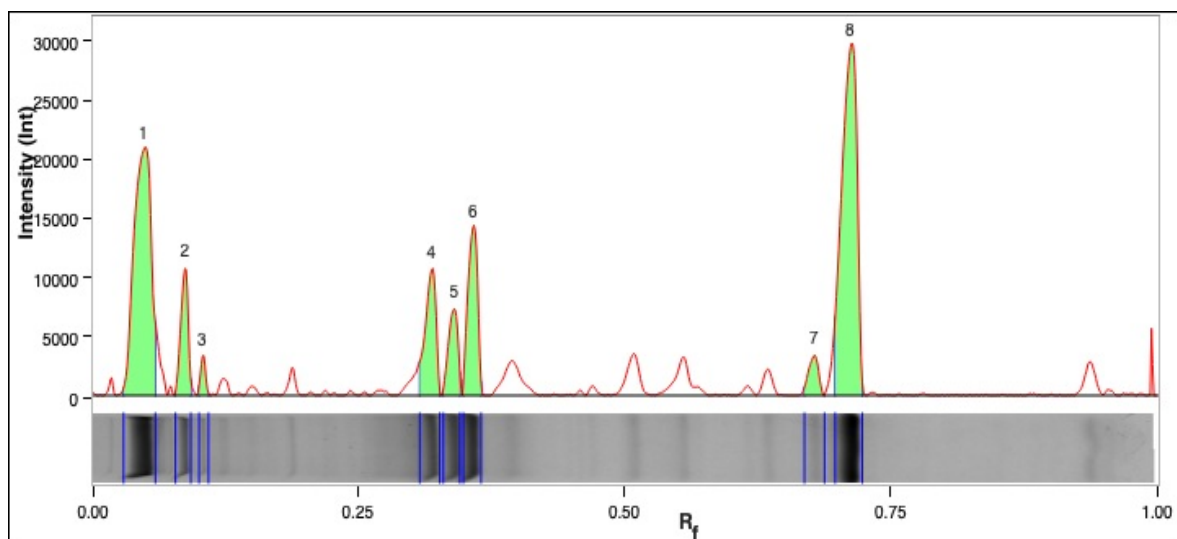


Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,050	35.102.044	94.949.870	N/A	N/A	23,1	20,1
2		214,2	0,095	33.041.752	89.381.404	N/A	N/A	21,7	18,9
3		84,9	0,321	13.547.656	63.394.164	N/A	N/A	8,9	7,8
4		80,1	0,341	5.899.440	47.930.882	N/A	N/A	3,9	3,4
5		76,0	0,359	11.372.308	53.341.804	N/A	N/A	7,5	6,5
6		53,9	0,511	4.798.982	30.925.436	N/A	N/A	3,2	2,8
7		33,9	0,713	44.800.024	92.079.486	N/A	N/A	29,4	25,7
8		13,7	0,937	3.597.004	27.437.472	N/A	N/A	2,4	2,1

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

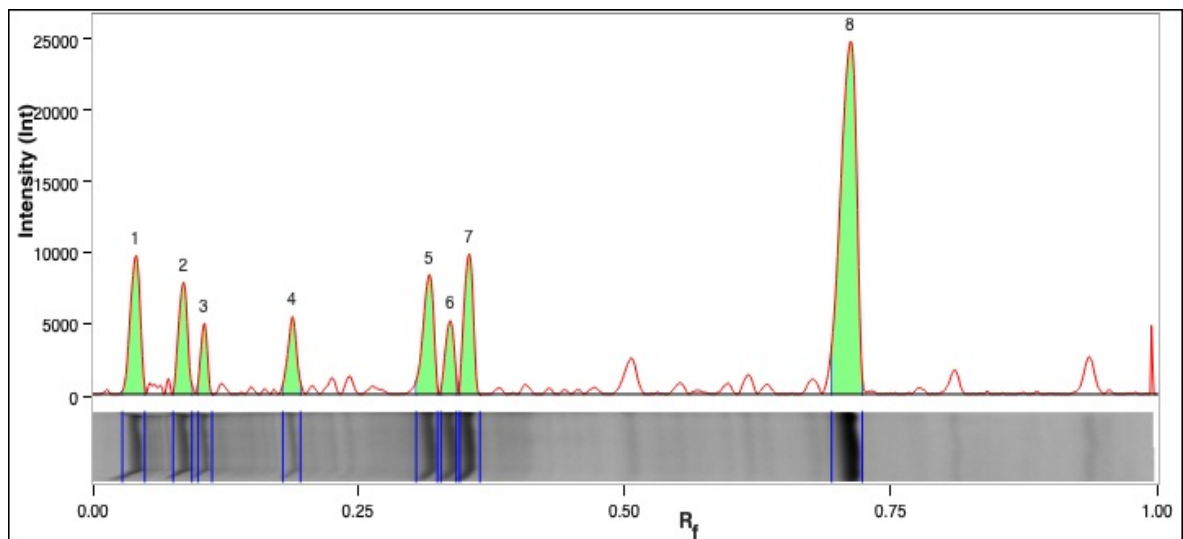
Lane 8



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,049	35.229.696	95.623.944	N/A	N/A	28,9	22,6
2		224,5	0,087	7.683.466	39.746.302	N/A	N/A	6,3	4,9
3		203,0	0,104	1.597.530	20.162.342	N/A	N/A	1,3	1,0
4		85,5	0,319	10.970.364	55.809.492	N/A	N/A	9,0	7,0
5		80,3	0,340	6.686.972	48.903.782	N/A	N/A	5,5	4,3
6		76,2	0,358	13.513.910	57.269.594	N/A	N/A	11,1	8,7
7		37,2	0,678	3.230.404	38.796.244	N/A	N/A	2,7	2,1
8		34,0	0,712	42.900.942	89.527.574	N/A	N/A	35,2	27,5

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

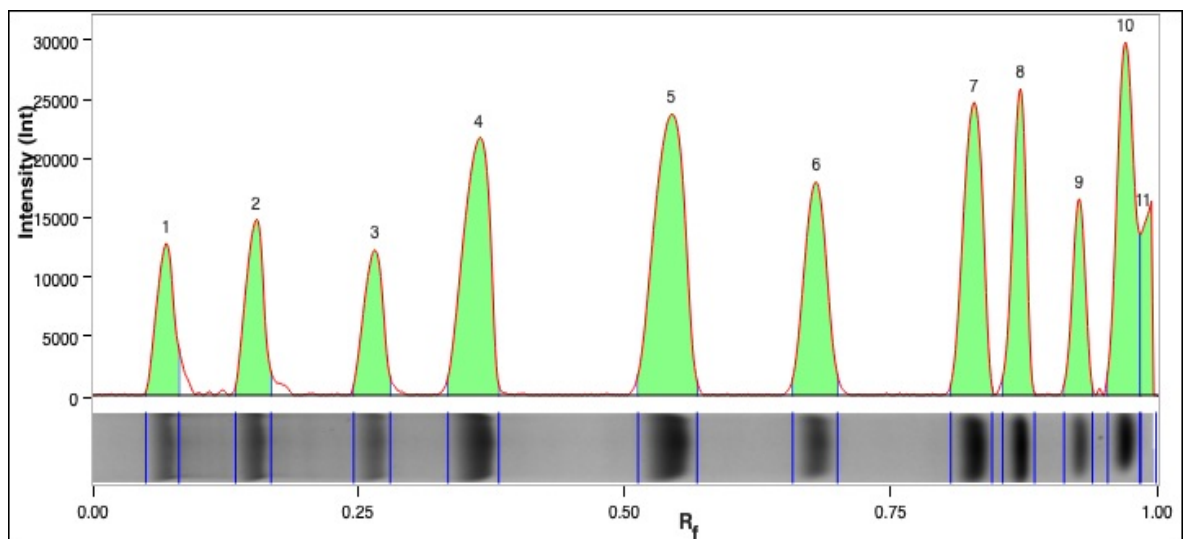
Lane 9



Band No.	Band Label	Mol. Wt. (KDa)	Relative Front	Adj. Volume (Int)	Volume (Int)	Abs. Quant.	Rel. Quant.	Band %	Lane %
1		250,0	0,041	10.800.976	56.112.172	N/A	N/A	11,2	8,9
2		226,0	0,086	7.804.068	49.069.034	N/A	N/A	8,1	6,4
3		201,6	0,105	3.640.150	35.811.086	N/A	N/A	3,8	3,0
4		132,4	0,188	5.320.776	39.271.884	N/A	N/A	5,5	4,4
5		86,0	0,317	9.899.046	59.171.308	N/A	N/A	10,3	8,1
6		81,1	0,337	5.015.746	45.880.366	N/A	N/A	5,2	4,1
7		77,0	0,354	10.080.466	58.503.814	N/A	N/A	10,5	8,3
8		34,0	0,712	43.535.630	96.238.046	N/A	N/A	45,3	35,7

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 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	0,070	16.017.624	63.770.760	N/A	N/A	5,3	5,2
2		150,0	0,154	19.402.344	73.090.296	N/A	N/A	6,4	6,2
3		100,0	0,266	17.205.984	69.212.376	N/A	N/A	5,7	5,5
4		75,0	0,363	42.106.032	108.958.464	N/A	N/A	13,8	13,5
5		50,0	0,544	53.032.176	125.002.944	N/A	N/A	17,4	17,1
6		37,0	0,680	29.573.640	84.729.312	N/A	N/A	9,7	9,5
7		25,0	0,828	35.636.904	90.405.864	N/A	N/A	11,7	11,5
8		20,0	0,872	25.709.040	67.737.456	N/A	N/A	8,5	8,3
9		15,0	0,927	15.628.104	51.954.912	N/A	N/A	5,1	5,0
10		10,0	0,970	38.260.584	63.273.096	N/A	N/A	12,6	12,3
11		N/A	0,990	11.640.528	13.952.592	N/A	N/A	3,8	3,7

Band Detection	Automatically detected bands with sensitivity: Low
Lane Background	Lane background subtracted with disk size: 0.1
Lane Width	4.91 mm
Regression Equation	A single equation is not available for this method