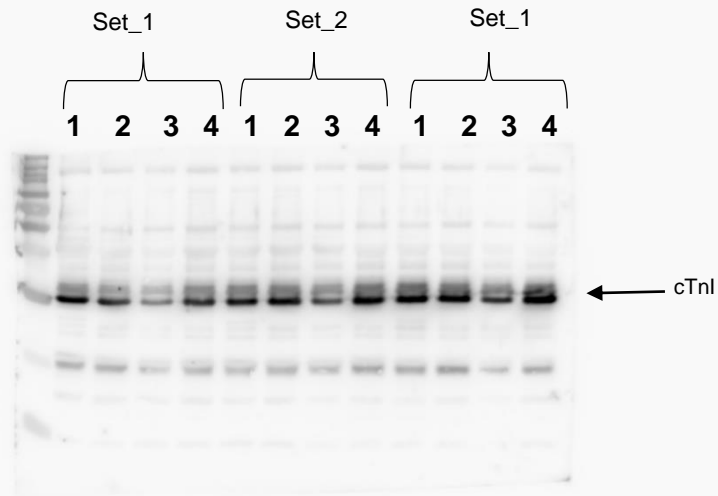


Left ventricle Cardiac Troponin I original membranes Ser-22/23-P

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



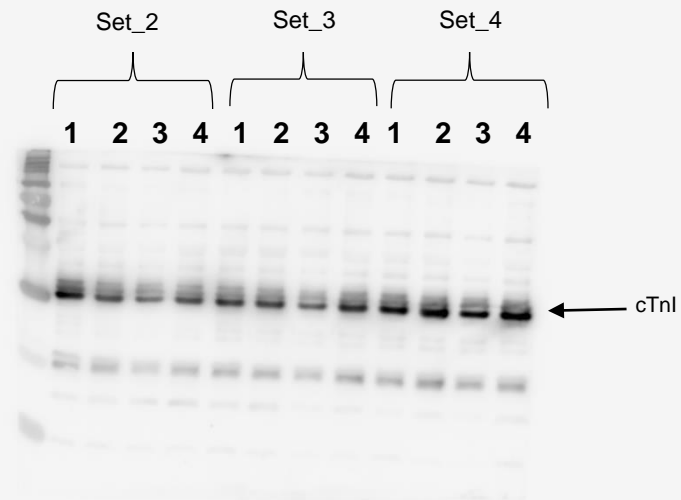
Left ventricle Cardiac Troponin I original membranes Ser-22/23-P-Blot stain

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



Left ventricle Cardiac Troponin I original membranes Ser-22/23-P

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



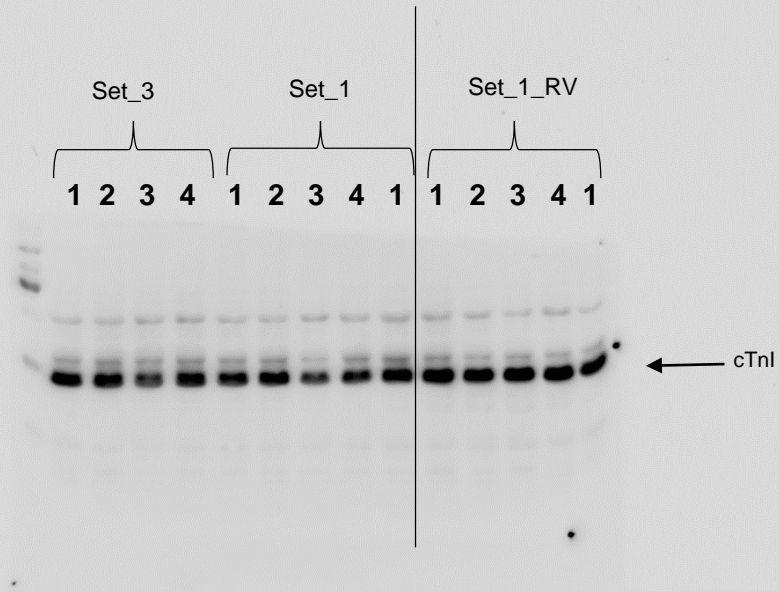
Left ventricle Cardiac Troponin I original membranes Ser-22/23-P-Blot stain

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



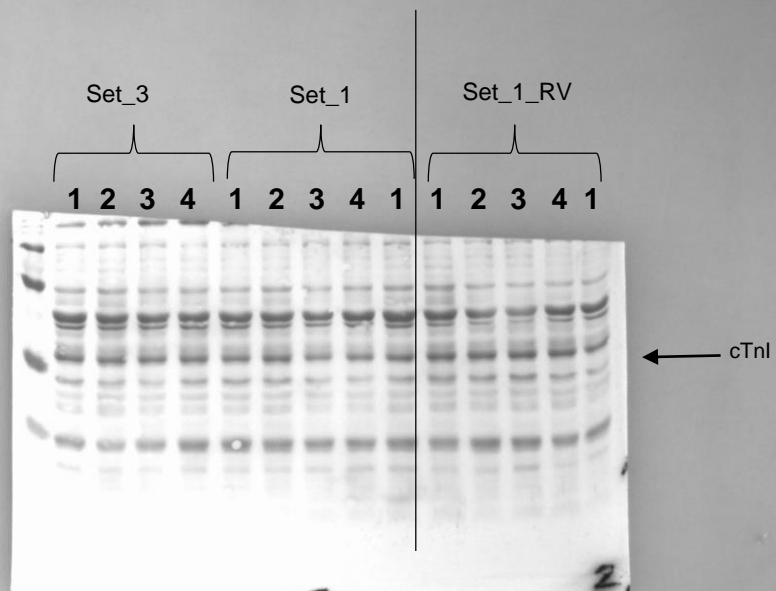
Left ventricle Cardiac Troponin I original membranes Ser-22/23-P

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



Left ventricle Cardiac Troponin I original membranes Ser-22/23-P-Blot stain

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



Left ventricle Cardiac Troponin I original membranes Ser-22/23-P

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



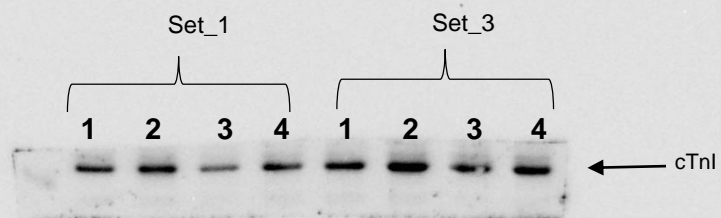
Left ventricle Cardiac Troponin I original membranes Ser-22/23-P-Blot stain

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



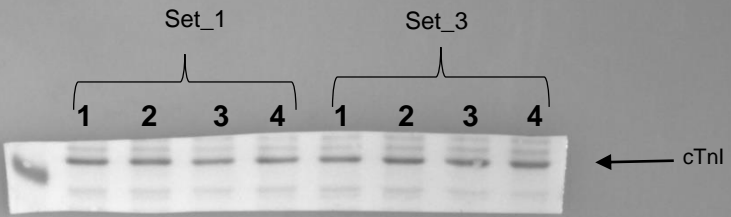
Left ventricle Cardiac Troponin I original membranes Ser-43-P

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



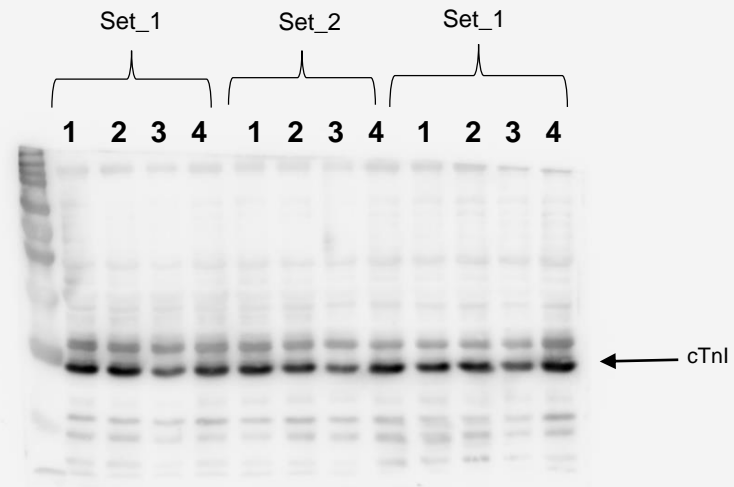
Left ventricle Cardiac Troponin I original membranes Ser-43-P-Blot stain

- 1. Lean
- 2. Lean+Vard
- 3. ZDF
- 4. ZDF+Vard



Left ventricle Cardiac Troponin I original membranes Ser-43-P

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



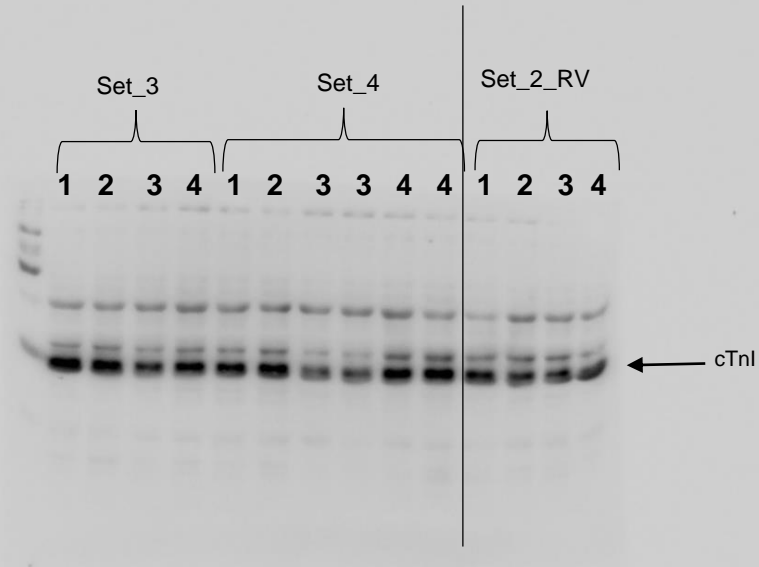
Left ventricle Cardiac Troponin I original membranes Ser-43-P-Blot stain

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



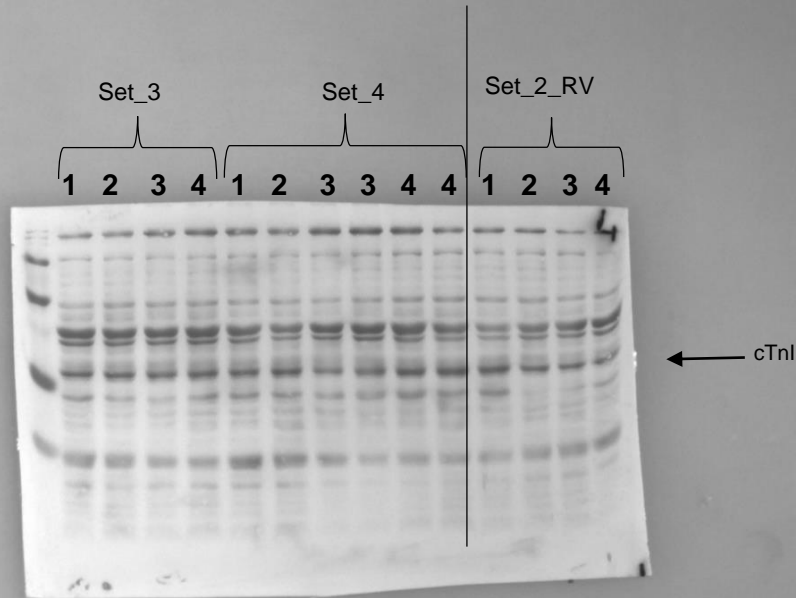
Left ventricle_Cardiac Troponin I_original membranes_Ser-43-P

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



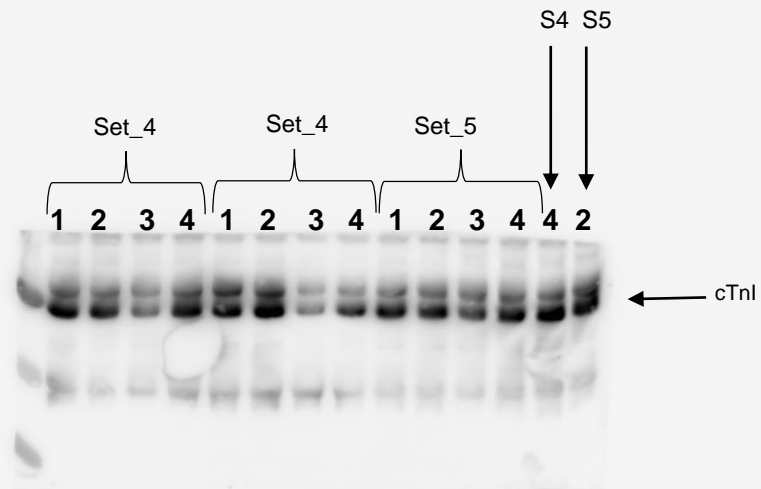
Left ventricle Cardiac Troponin I original membranes Ser-43-P-Blot stain

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



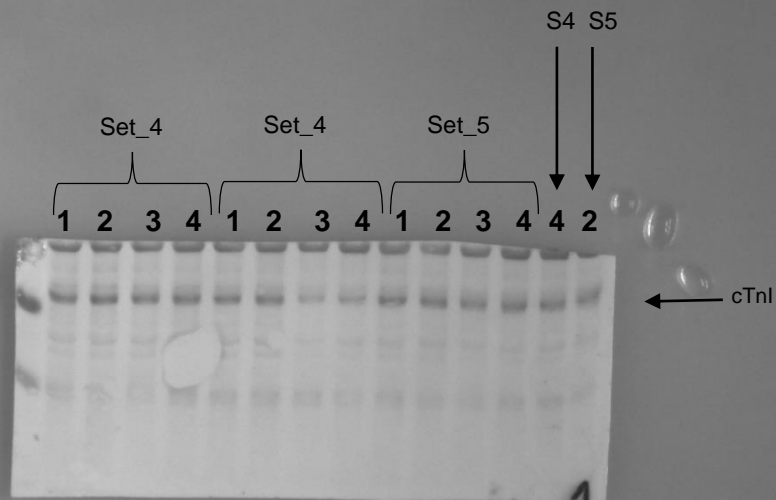
Left ventricle Cardiac Troponin I original membranes Ser-43-P

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



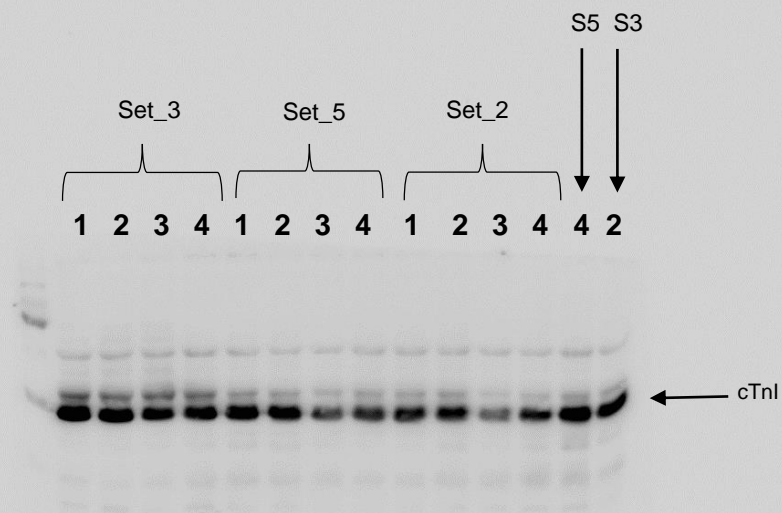
Left ventricle Cardiac Troponin I original membranes Ser-43-P-Blot stain

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



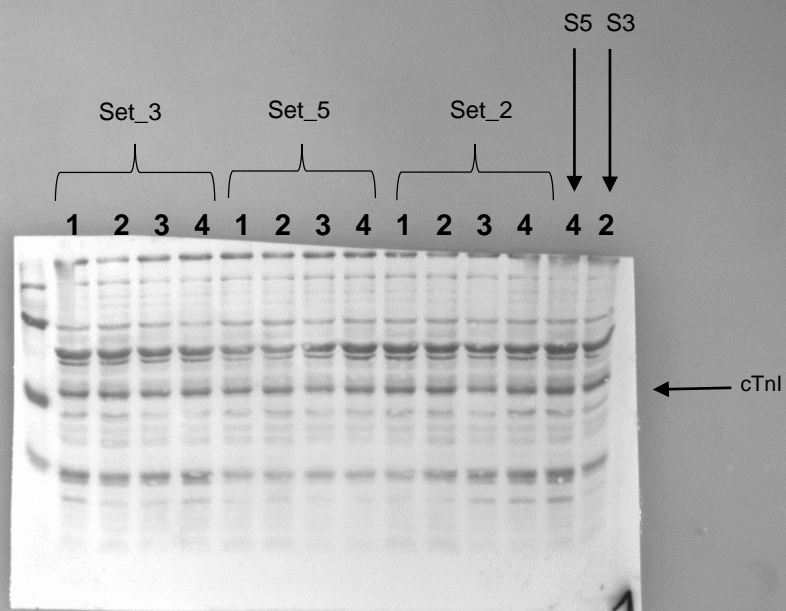
Left ventricle Cardiac Troponin I original membranes Ser-43-P

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



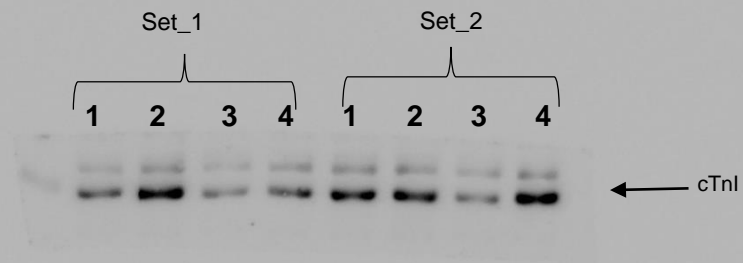
Left ventricle Cardiac Troponin I original membranes Ser-43-P-Blot stain

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



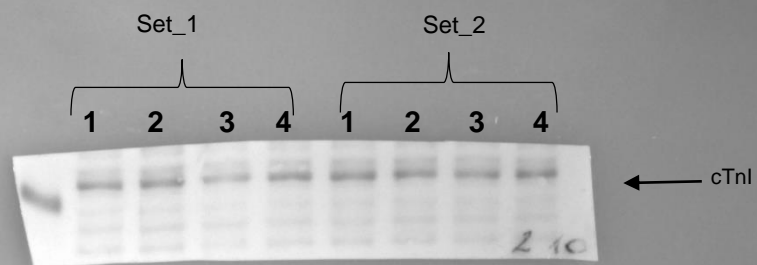
Left ventricle_Cardiac Troponin I_original membranes_Thr-144-P

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



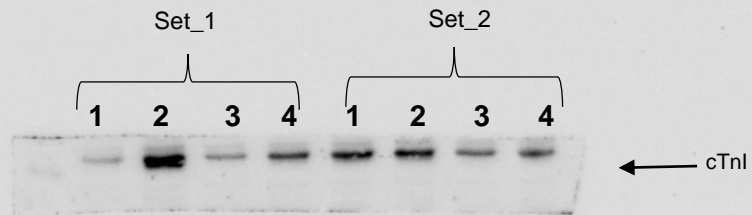
Left ventricle_Cardiac Troponin I_original membranes_Thr-144-P-Blot stain

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



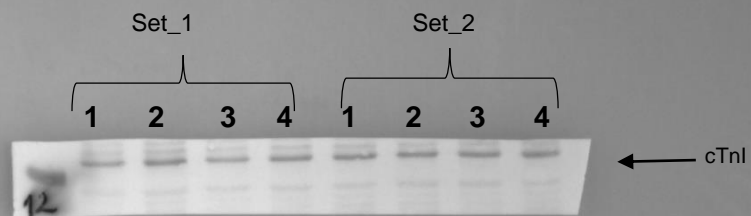
Left ventricle_Cardiac Troponin I_original membranes_Thr-144-P

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



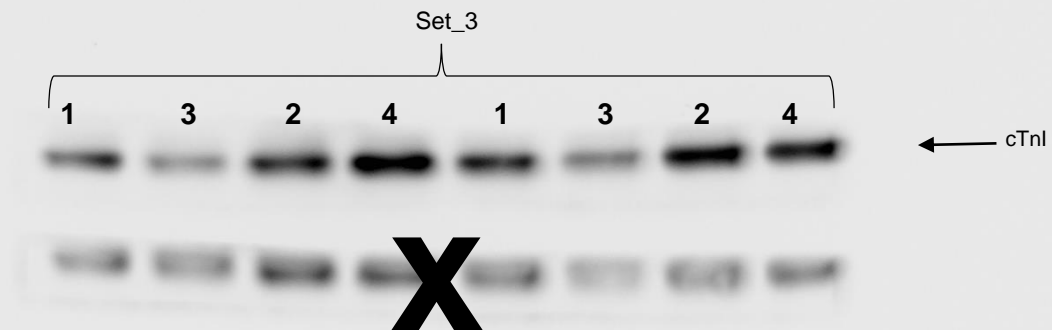
Left ventricle_Cardiac Troponin I_original membranes_Thr-144-P-Blot stain

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



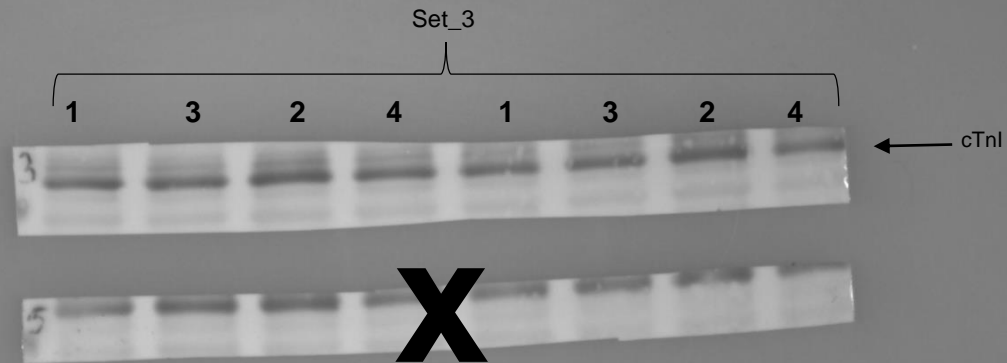
Left ventricle_Cardiac Troponin I_original membranes_Thr-144-P

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



Left ventricle_Cardiac Troponin I_original membranes_Thr-144-P-Blot stain

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



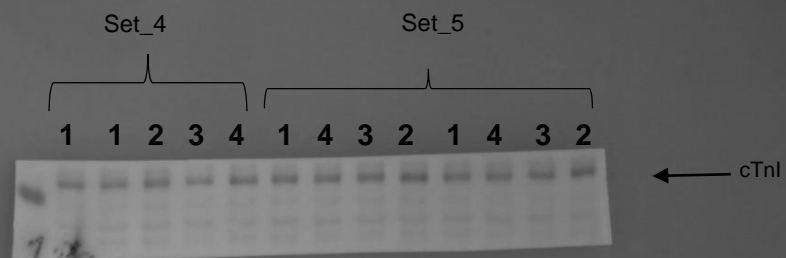
Left ventricle_Cardiac Troponin I_original membranes_Thr-144-P

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



Left ventricle_Cardiac Troponin I_original membranes_Thr-144-P-Blot stain

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



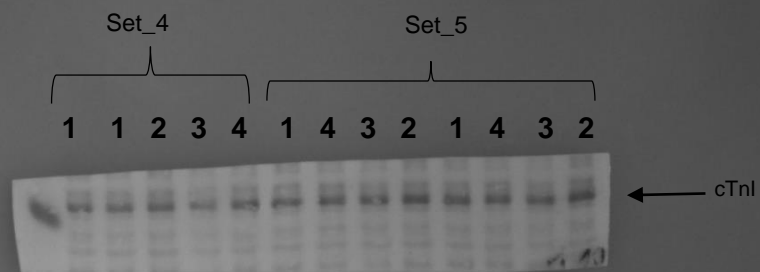
Left ventricle_Cardiac Troponin I_original membranes_Thr-144-P

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



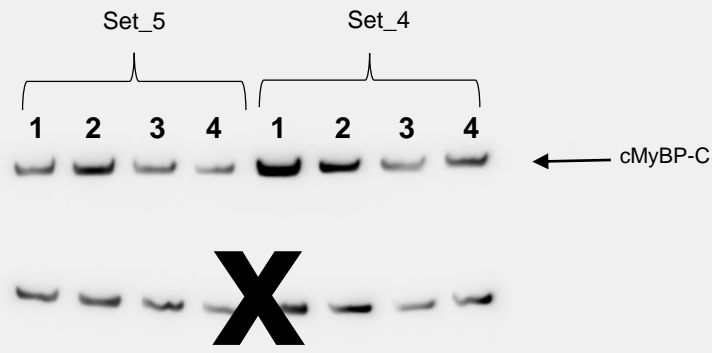
Left ventricle_Cardiac Troponin I_original membranes_Thr-144-Blot stain

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



Left ventricle Cardiac myosin binding protein C original membranes Ser-282-P

- 1. Lean
- 2. Lean+Vard
- 3. ZDF
- 4. ZDF+Vard



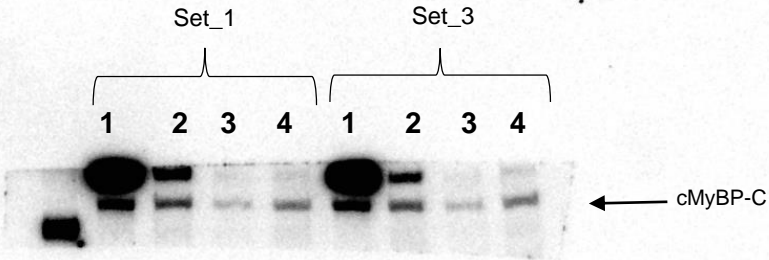
Left ventricle Cardiac myosin binding protein C original membranes Ser-282-P-Blot stain

- 1. Lean
- 2. Lean+Vard
- 3. ZDF
- 4. ZDF+Vard



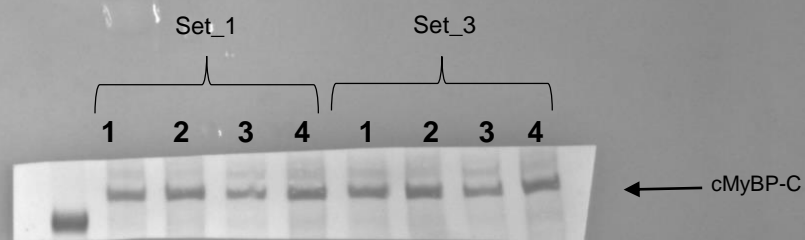
Left ventricle Cardiac myosin binding protein C original membranes Ser-282-P

- 1. Lean
- 2. Lean+Vard
- 3. ZDF
- 4. ZDF+Vard



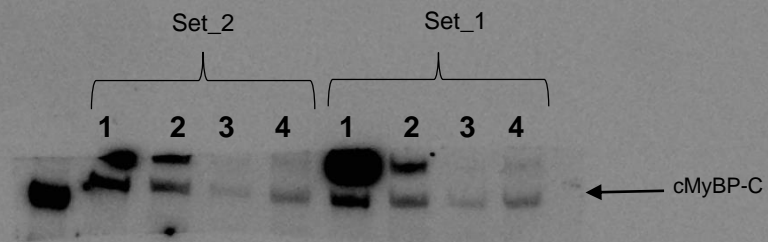
Left ventricle Cardiac myosin binding protein C original membranes Ser-282-P-Blot stain

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



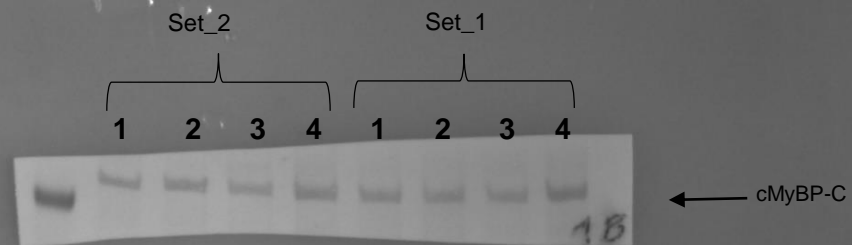
Left ventricle Cardiac myosin binding protein C original membranes Ser-282-P

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



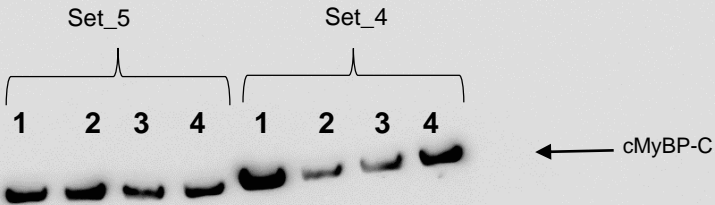
Left ventricle Cardiac myosin binding protein C original membranes Ser-282-P-Blot stain

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



Left ventricle Cardiac myosin binding protein C original membranes Ser-282-P

- 1. Lean
- 2. Lean+Vard
- 3. ZDF
- 4. ZDF+Vard

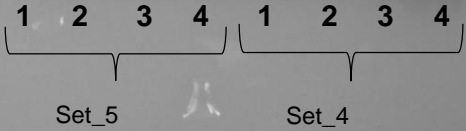


Left ventricle Cardiac myosin binding protein C original membranes Ser-282-P-Blot stain

- 1. Lean
- 2. Lean+Vard
- 3. ZDF
- 4. ZDF+Vard

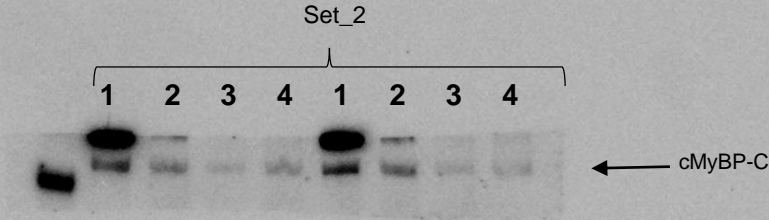


← cMyBP-C



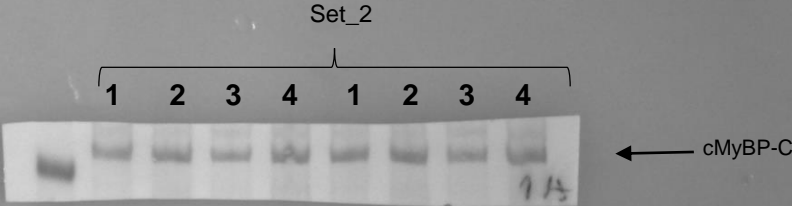
Left ventricle Cardiac myosin binding protein C original membranes Ser-282-P

- 1. Lean
- 2. Lean+Vard
- 3. ZDF
- 4. ZDF+Vard



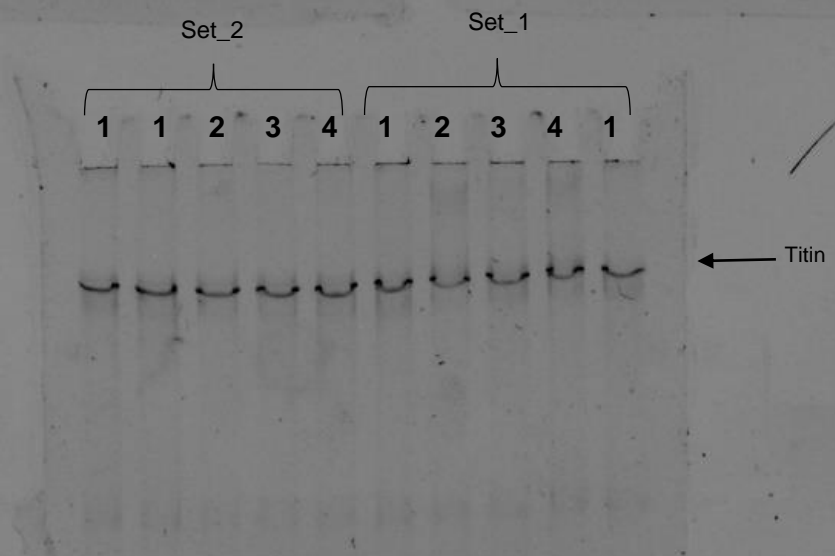
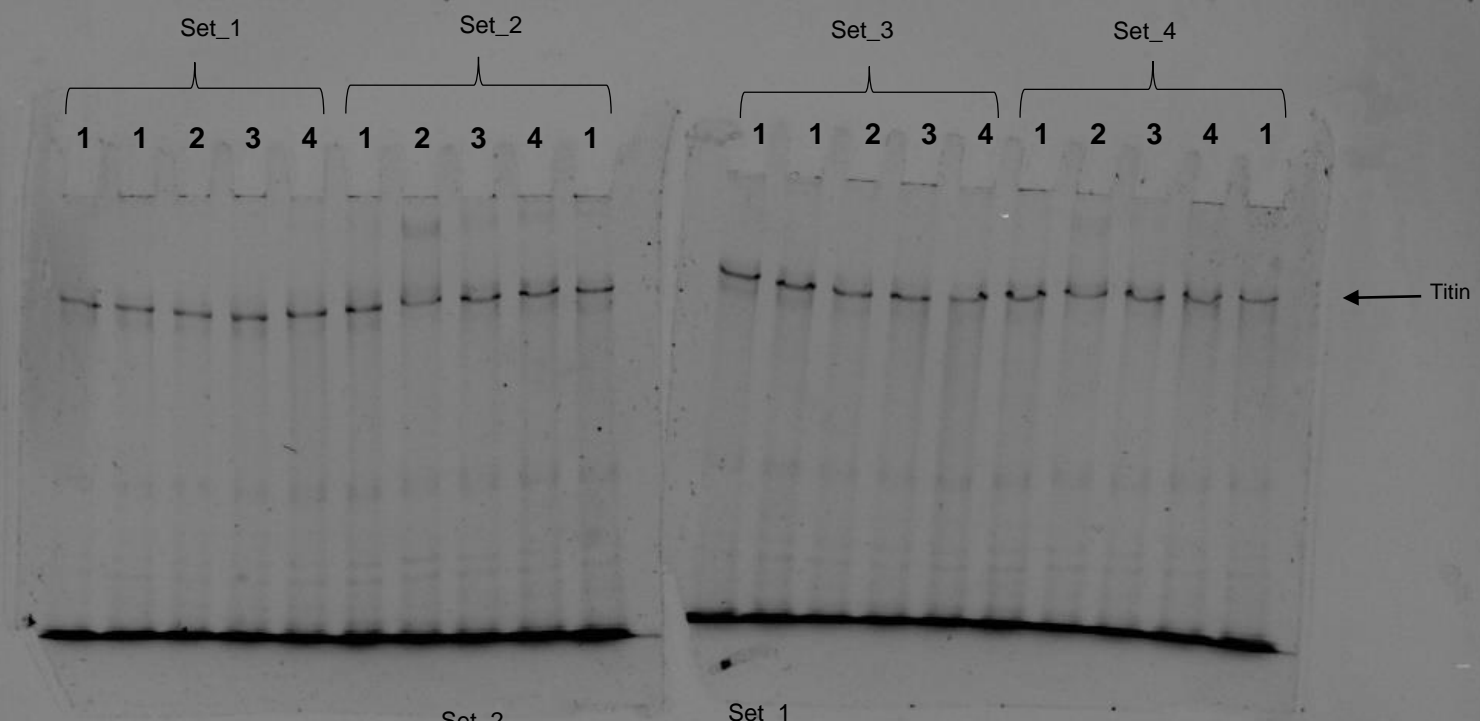
Left ventricle Cardiac myosin binding protein C original membranes Ser-282-P- Blot stain

- 1. Lean
- 2. Lean+Vard
- 3. ZDF
- 4. ZDF+Vard

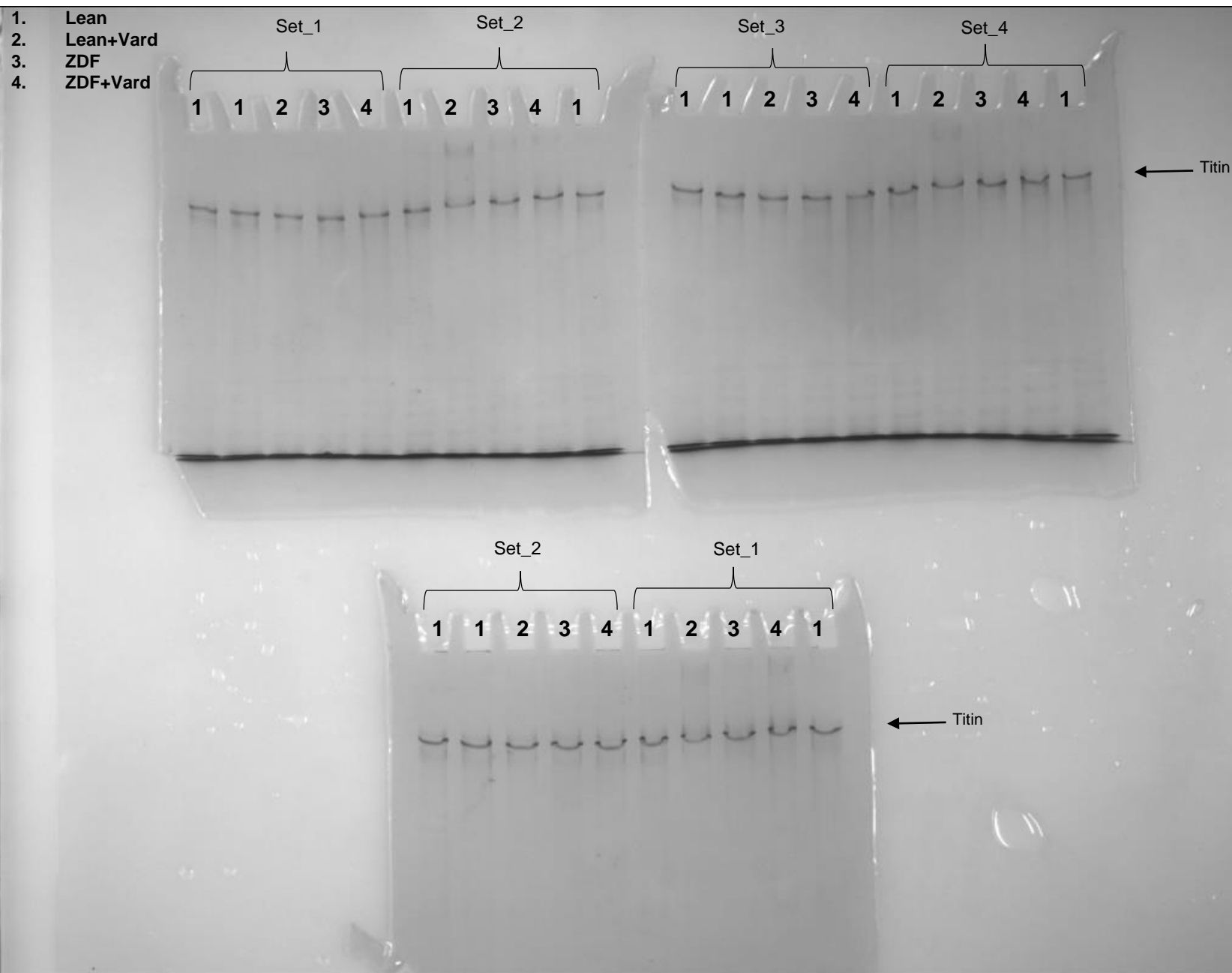


Left ventricle Titin-P original gel

- 1. Lean
- 2. Lean+Vard
- 3. ZDF
- 4. ZDF+Vard

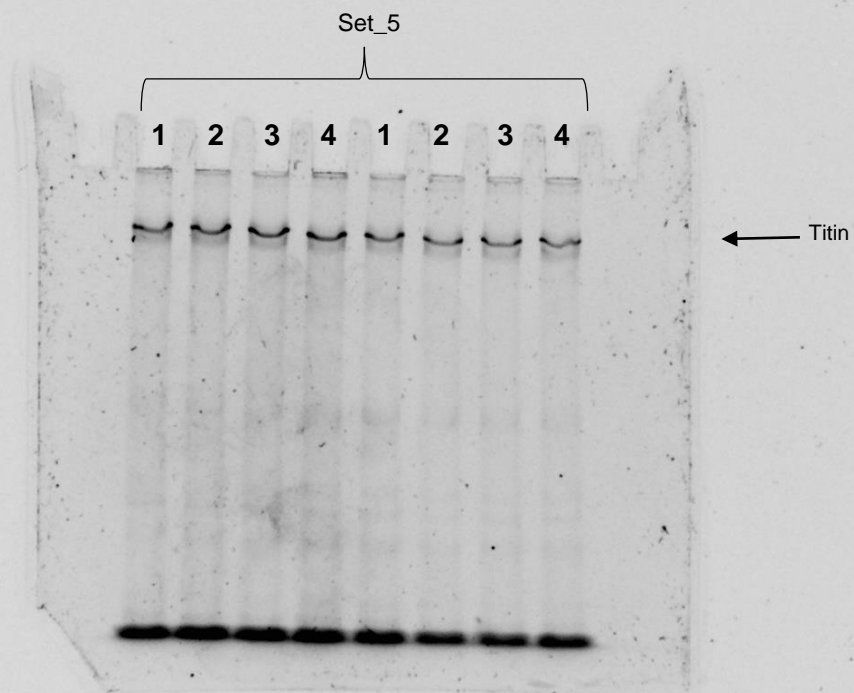


Left ventricle Titin-total protein original gel



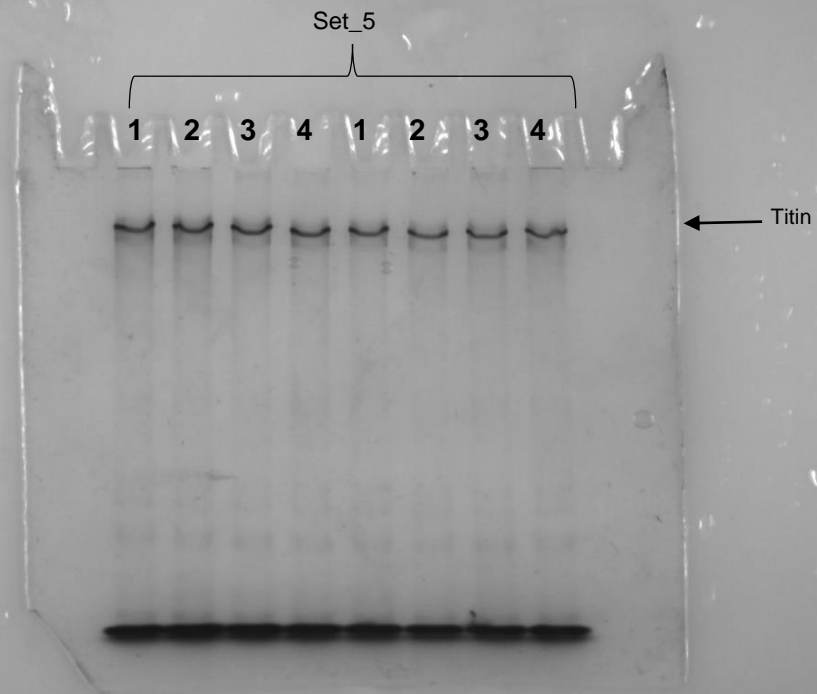
Left ventricle Titin-P original gel

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



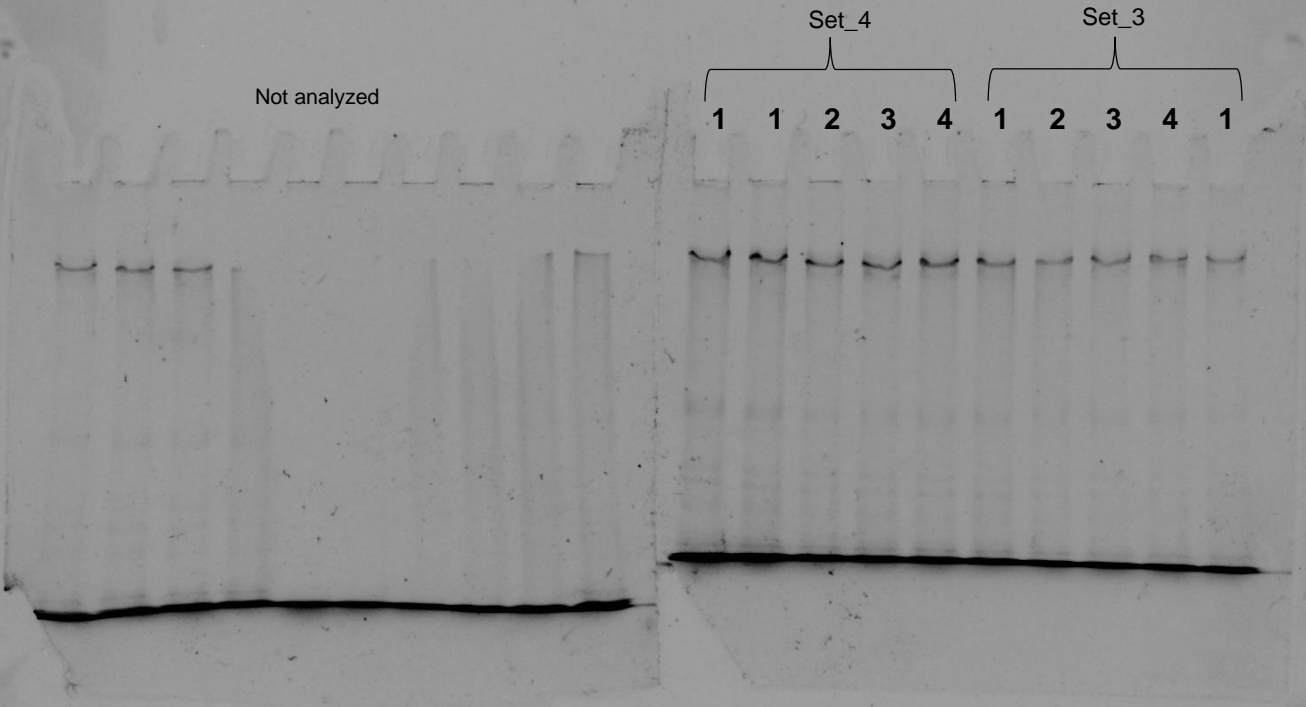
Left ventricle Titin-total protein original gel

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



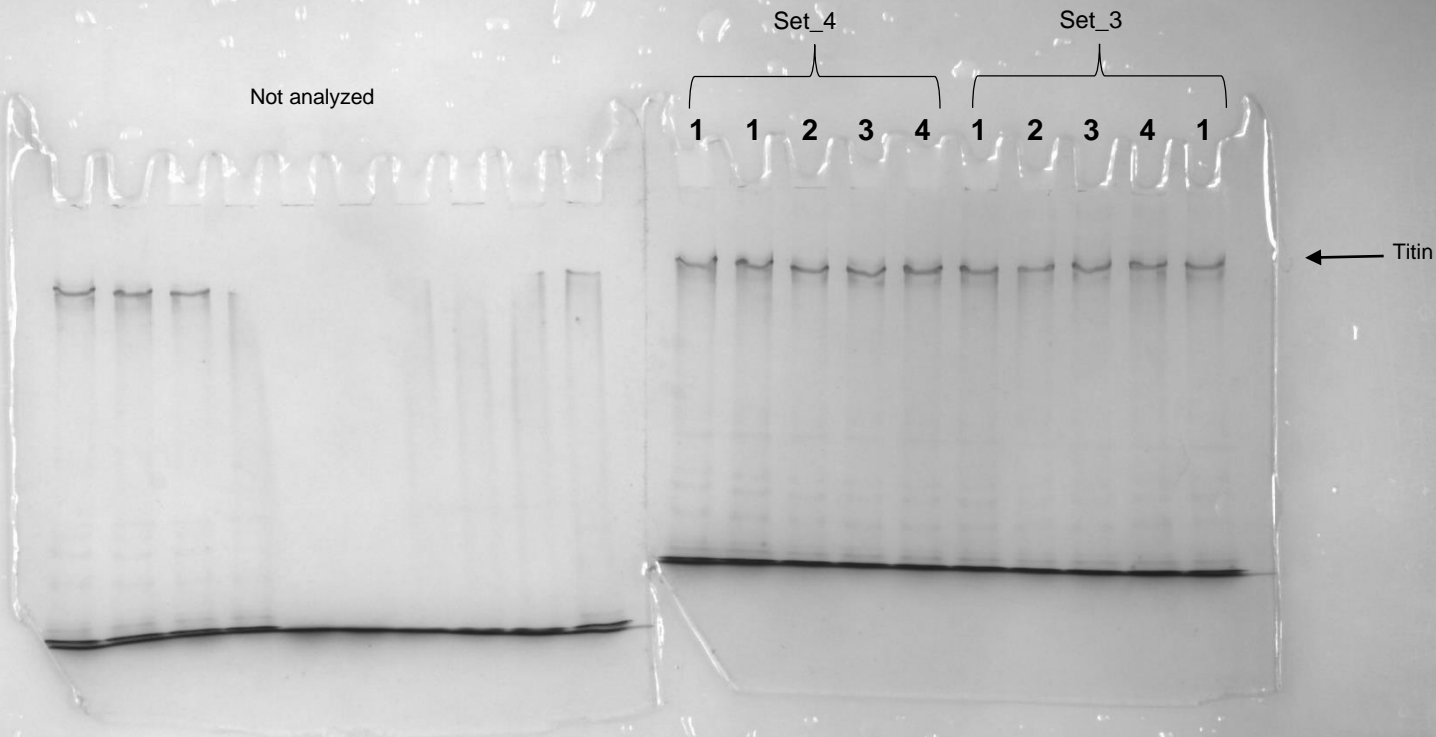
Left ventricle Titin-P original gel

- 1. Lean
- 2. Lean+Vard
- 3. ZDF
- 4. ZDF+Vard



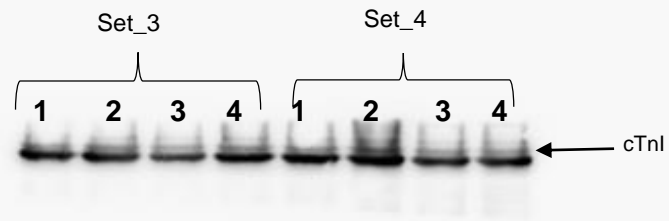
Left ventricle Titin-total protein original gel

- 1. Lean
- 2. Lean+Vard
- 3. ZDF
- 4. ZDF+Vard



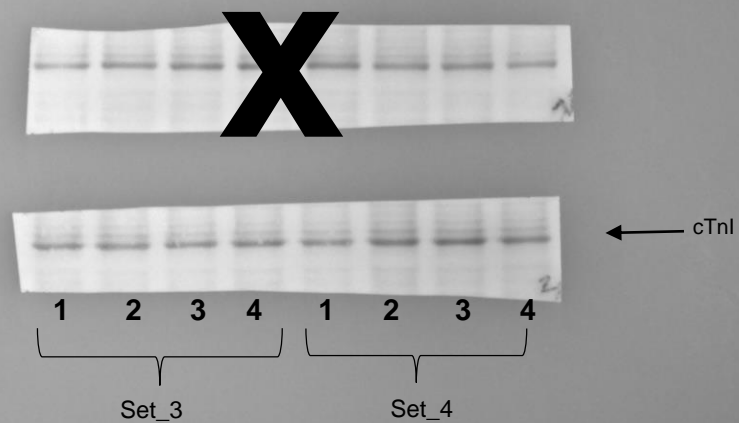
Right ventricle Cardiac Troponin I original membranes Ser-22/23-P

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



Right ventricle Cardiac Troponin I original membranes Ser-22/23-Blot stain

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



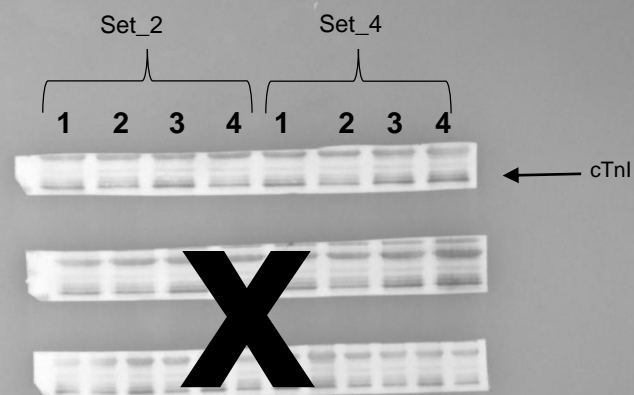
Right ventricle Cardiac Troponin I original membranes Ser-22/23

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



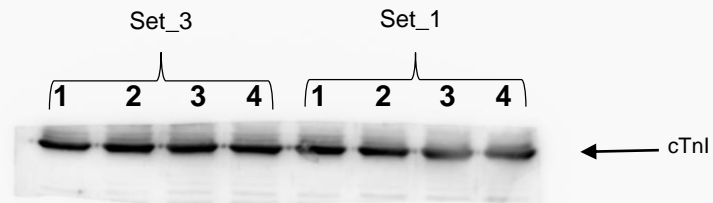
Right ventricle Cardiac Troponin I original membranes Ser-22/23-Blot stain

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



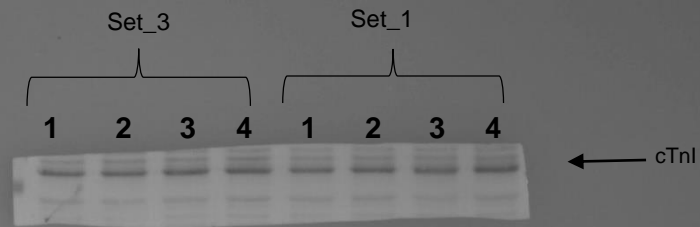
Right ventricle Cardiac Troponin I original membranes Ser-22/23-P

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



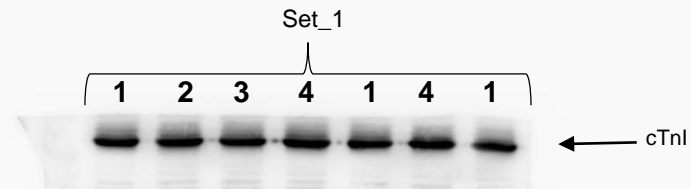
Right ventricle Cardiac Troponin I original membranes Ser-22/23-P-Blot stain

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



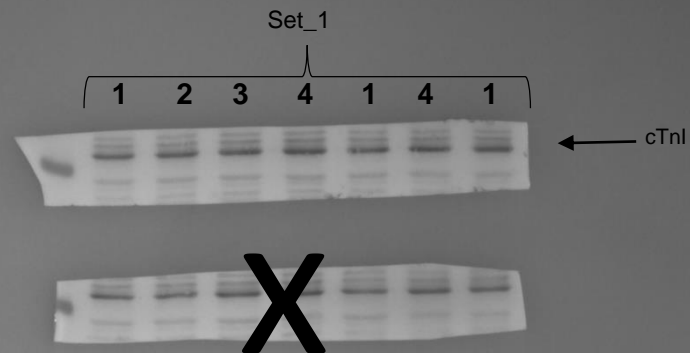
Right ventricle Cardiac Troponin I original membranes Ser-22/23-P

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



Right ventricle_Cardiac Troponin I_original membranes_Ser-22/23-P-Blot stain

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



Right ventricle Cardiac Troponin I original membranes Ser-22/23-P

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



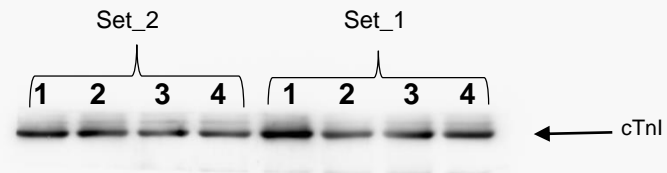
Right ventricle Cardiac Troponin I original membranes Ser-22/23-P-Blot stain

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



Right ventricle Cardiac Troponin I original membranes Ser-22/23-P-

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



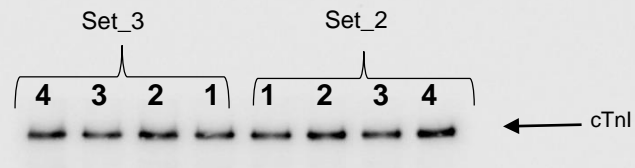
Right ventricle Cardiac Troponin I original membranes Ser-22/23-P-Blot stain

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



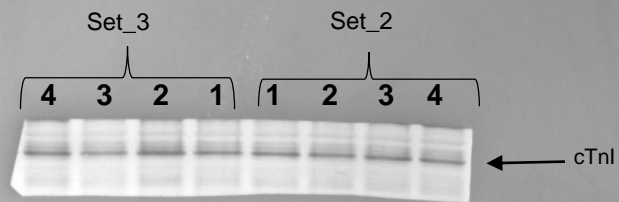
Right ventricle Cardiac Troponin I original membranes Ser-43-P

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



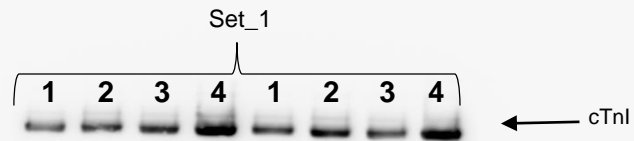
Right ventricle Cardiac Troponin I original membranes Ser-43-P-Blot stain

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



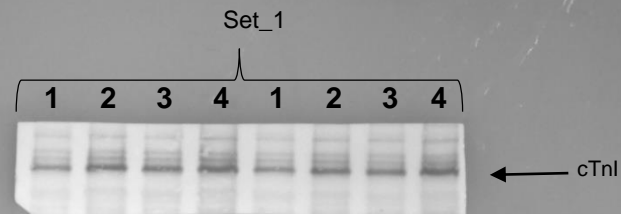
Right ventricle Cardiac Troponin I original membranes Ser-43-P

1. Lean
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Right ventricle Cardiac Troponin I original membranes Ser-43-P-Blot stain

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



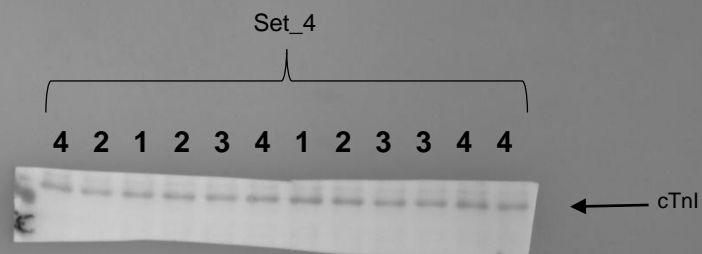
Right ventricle Cardiac Troponin I original membranes Ser-43-P

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



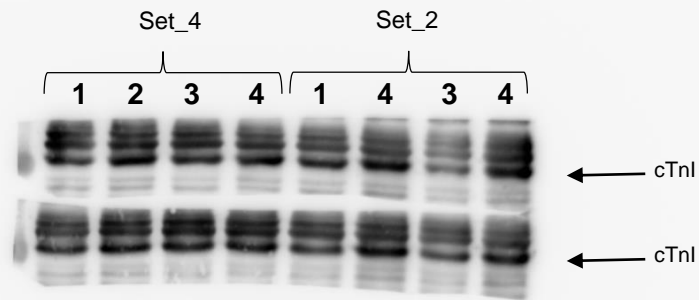
Right ventricle Cardiac Troponin I original membranes Ser-43-P-Blot stain

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



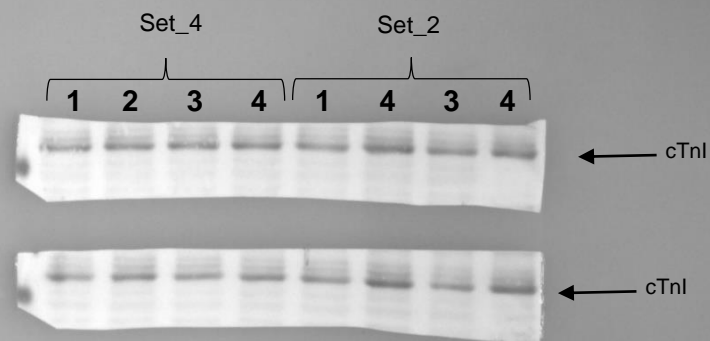
Right ventricle Cardiac Troponin I original membranes Ser-43-P

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



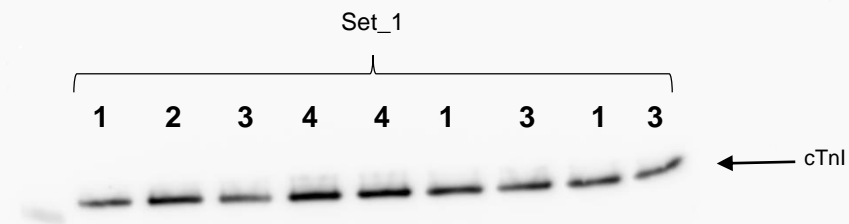
Right ventricle Cardiac Troponin I original membranes Ser-43-P-Blot stain

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



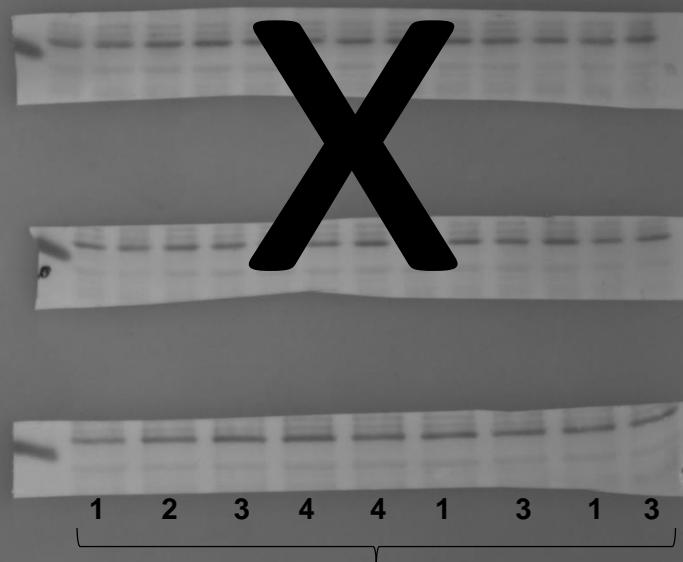
Right ventricle Cardiac Troponin I original membranes Ser-43-P

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



Right ventricle Cardiac Troponin I original membranes Ser-43-P-Blot stain

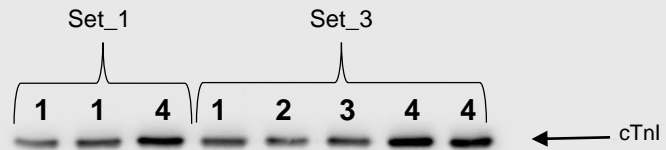
1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



← cTnI

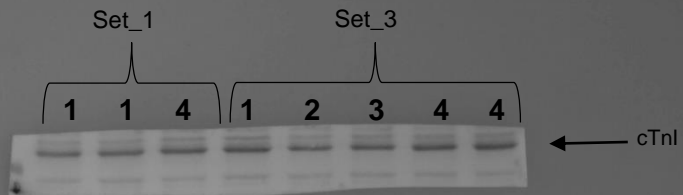
Right ventricle Cardiac Troponin I original membranes Thr-144-P

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



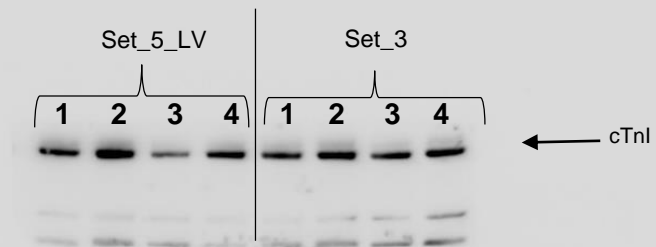
Right ventricle Cardiac Troponin I original membranes Thr-144-P-Blot stain

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



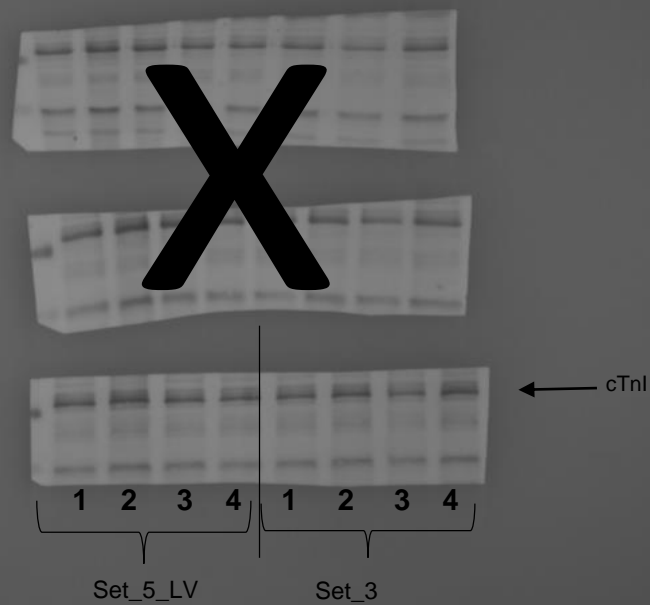
Right ventricle Cardiac Troponin I original membranes Thr-144-P

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



Right ventricle Cardiac Troponin I original membranes Thr-144-P-Blot stain

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



Right ventricle Cardiac Troponin I original membranes Thr-144-P

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



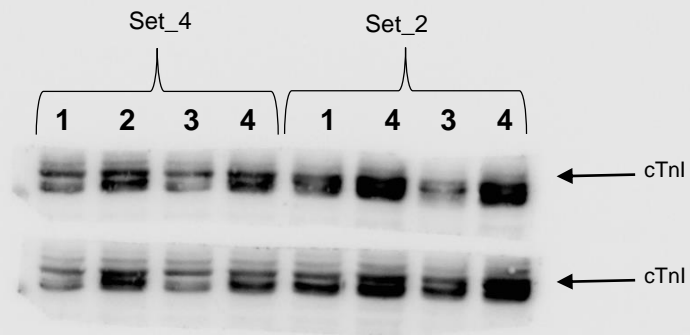
Right ventricle Cardiac Troponin I original membranes Thr-144-P-Blot stain

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



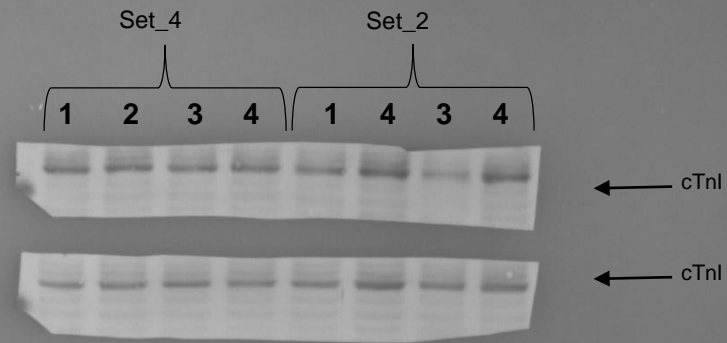
Right ventricle Cardiac Troponin I original membranes Thr-144-P

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



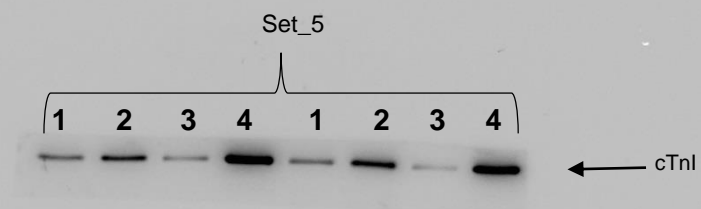
Right ventricle Cardiac Troponin I original membranes Thr-144-P-Blot stain

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



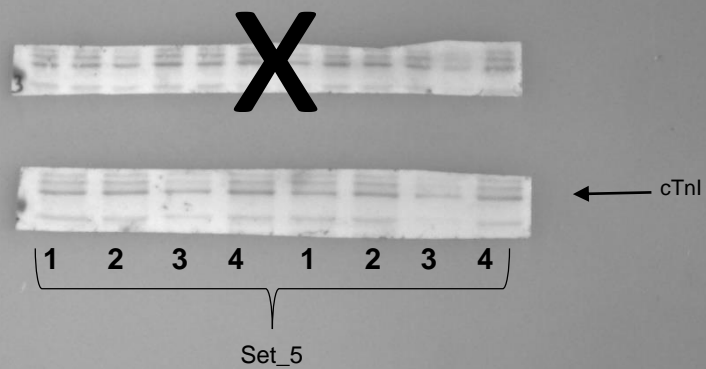
Right ventricle Cardiac Troponin I original membranes Thr-144-P

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



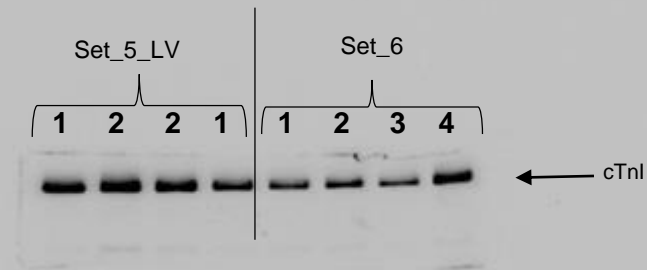
Right ventricle Cardiac Troponin I original membranes Thr-144-P-Blot stain

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



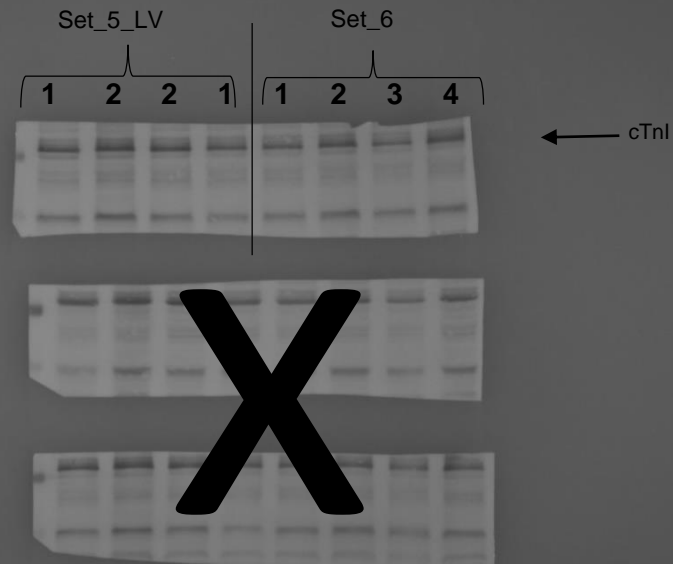
Right ventricle_Cardiac Troponin I_original membranes_Thr-144-P

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



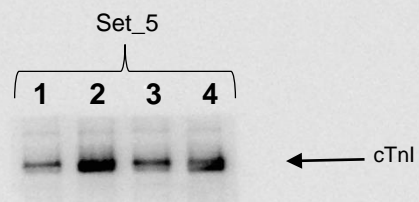
Right ventricle Cardiac Troponin I original membranes Thr-144-P-Blot stain

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



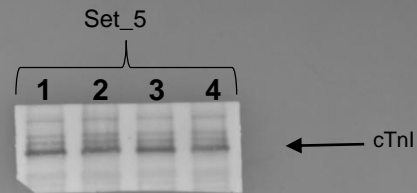
Right ventricle Cardiac Troponin I original membranes Thr-144-P

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



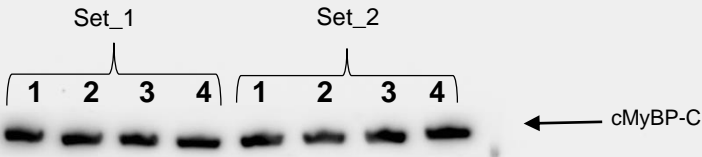
Right ventricle Cardiac Troponin I original membranes Thr-144-P-Blot stain

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



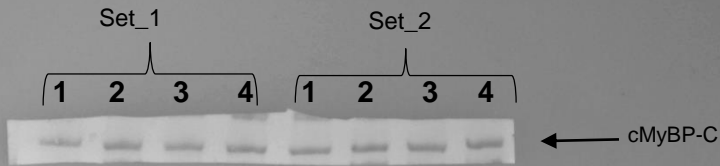
Right ventricle Cardiac myosin binding protein C original membranes Ser-282-P

- 1. Lean
- 2. Lean+Vard
- 3. ZDF
- 4. ZDF+Vard



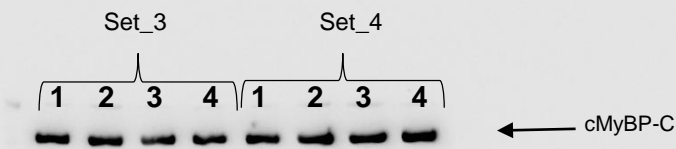
Right ventricle Cardiac myosin binding protein C original membranes Ser-282--Blot stain

- 1. Lean
- 2. Lean+Vard
- 3. ZDF
- 4. ZDF+Vard



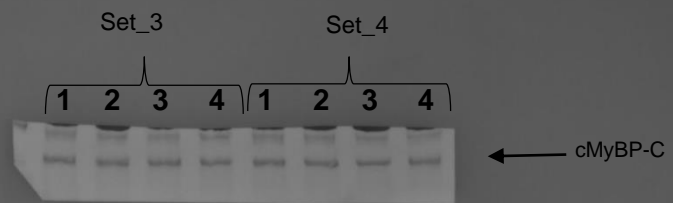
Right ventricle Cardiac myosin binding protein C original membranes Ser-282-P

- 1. Lean
- 2. Lean+Vard
- 3. ZDF
- 4. ZDF+Vard

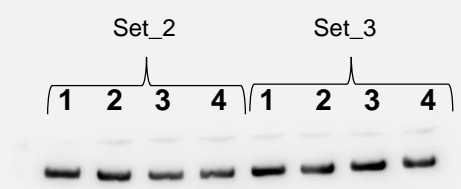


Right ventricle Cardiac myosin binding protein C original membranes Ser-282-P-Blot stain

- 1. Lean
- 2. Lean+Vard
- 3. ZDF
- 4. ZDF+Vard

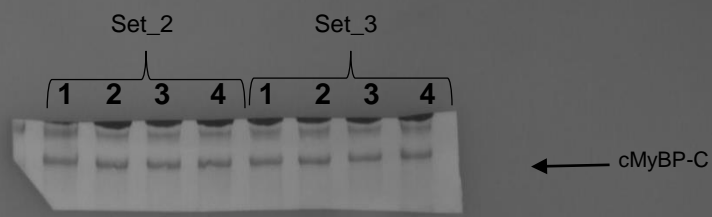


Right ventricle Cardiac myosin binding protein C original membranes Ser-282-P



Right ventricle Cardiac myosin binding protein C original membranes Ser-282-P-Blot stain

- 1. Lean
- 2. Lean+Vard
- 3. ZDF
- 4. ZDF+Vard



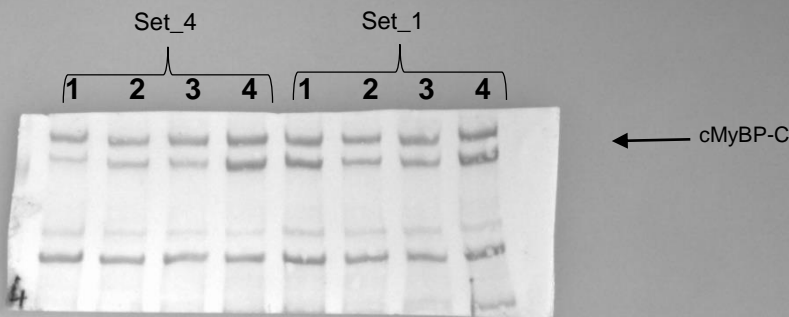
Right ventricle Cardiac myosin binding protein C original membranes Ser-282-P

- 1. Lean
- 2. Lean+Vard
- 3. ZDF
- 4. ZDF+Vard



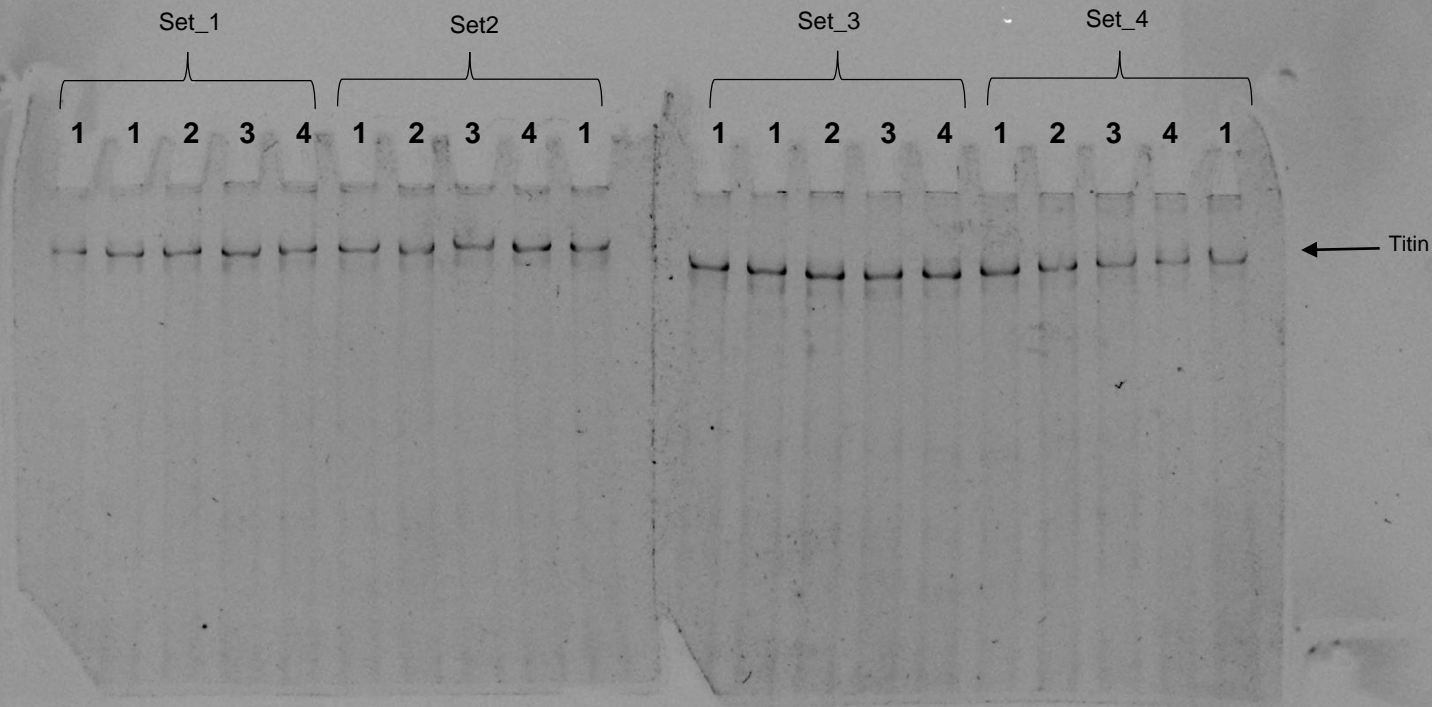
Right ventricle Cardiac myosin binding protein C original membranes Ser-282-P-Blot stain

- 1. Lean
- 2. Lean+Vard
- 3. ZDF
- 4. ZDF+Vard



Right ventricle Titin-P original gel

- 1. Lean
- 2. Lean+Vard
- 3. ZDF
- 4. ZDF+Vard

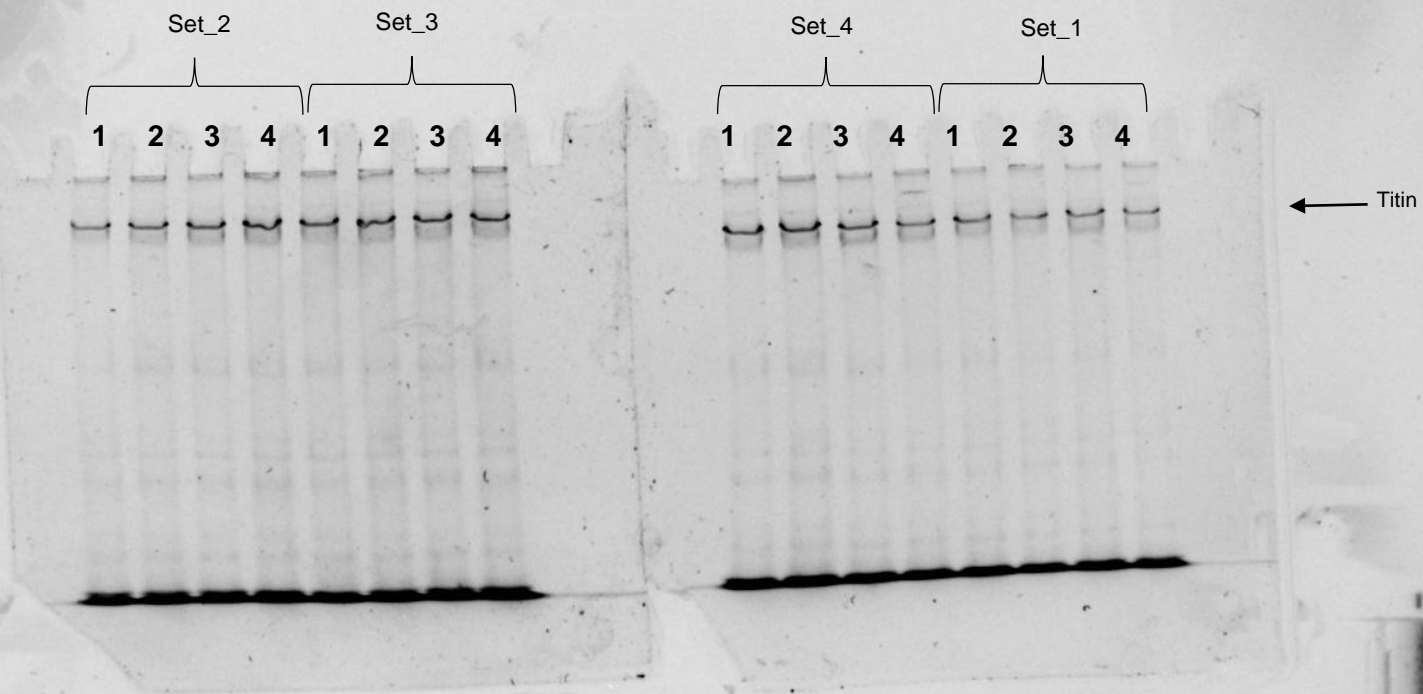


1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



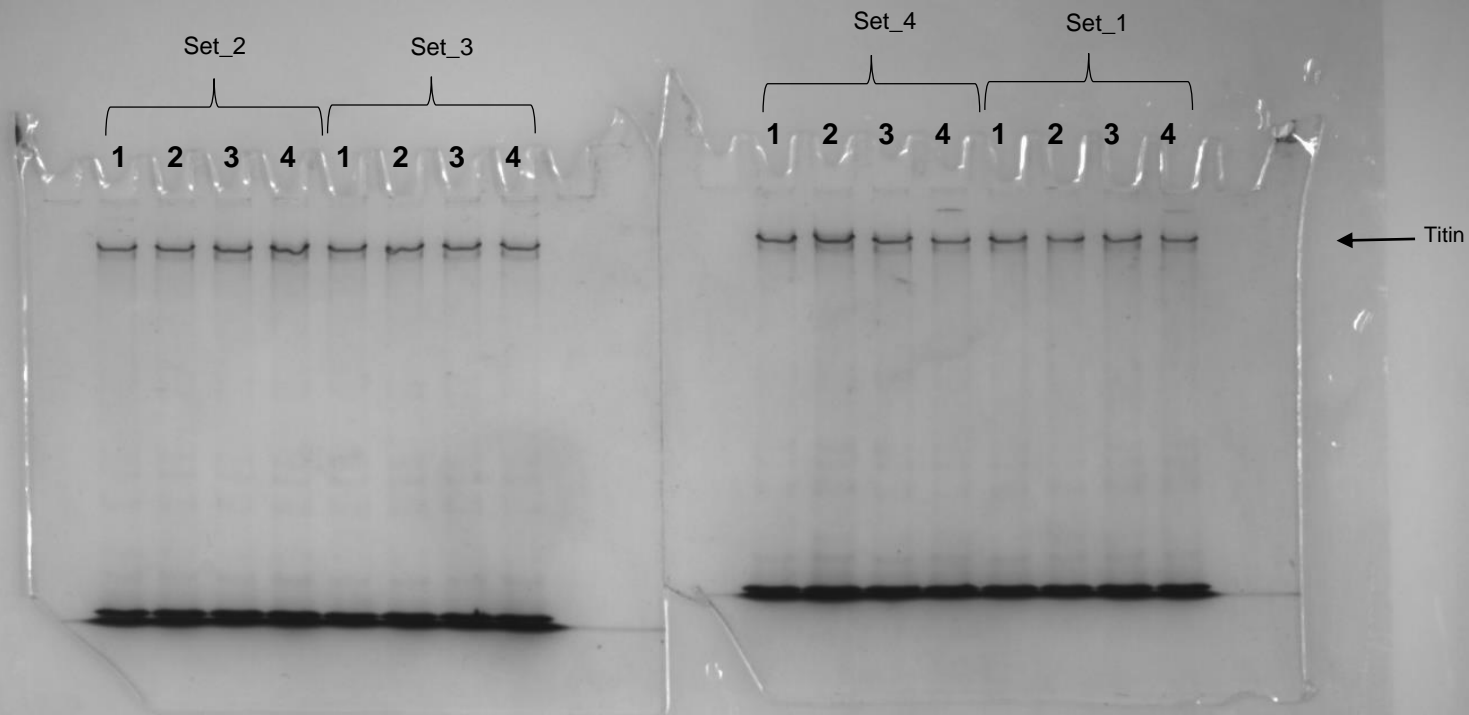
Right ventricle Titin-P original gel

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



Right ventricle Titin-total protein original gel

1. Lean
2. Lean+Vard
3. ZDF
4. ZDF+Vard



Supplementary Table S1.

	LEFT VENTRICLE									RIGHT VENTRICLE							
	Number of heart samples (n)				Number of wells					Number of heart samples (n)				Number of wells			
	Lean	Lean +Vard	ZDF	ZDF +Vard	Lean	Lean +Vard	ZDF	ZDF +Vard		Lean	Lean +Vard	ZDF	ZDF +Vard	Lean	Lean +Vard	ZDF	ZDF +Vard
cTnI ^{Ser-22/23-P}	4	4	4	4	13	12	13	11		4	4	4	4	13	11	11	12
cTnI ^{Ser-43-P}	5	5	5	5	12	14	13	15		4	4	4	4	10	9	11	11
cTnI ^{Thr-144-P}	5	5	5	5	15	13	12	12		6	5	6	6	14	12	12	15
cMyBP-C ^{Ser-282-P}	5	5	5	5	10	10	10	10		4	4	4	4	8	8	8	8
Titin-P	5	5	5	5	18	12	12	12		4	4	4	4	12	8	8	8