

Tissue Microarray - Human Right Heart Tissue

Myocardial Hypertrophy II

Cat.-No.: 401 4103 Lot: 057P

	a	b	c	d
1	•	•	•	•
2	•	•	•	•
3	•	•	•	•
4	•	•	•	•
5	•	•		
6	•	•		
7	•	•		

Technical Information: 22 Spots

- Spot diameter: 2.0 mm
- Fixation in 4% paraformaldehyde in PBS
- Paraffin embedded

Tissue type validated by immunohistochemistry

In vitro laboratory use only.

Not intended for any human or animal diagnostic or therapeutic use.

Position	Localization	Heart disease	left ventricle wall thickness mm	Hypertrophy diagnostic by heart weight *	Sex	Age
1a	septal	multiple metachronous myocardial infarctions, abacterial endocarditis of mitral valve	14 left	normal	f	52
1b	septal	Fibrosis and lipomatosis of the left ventricle	20 left/ 5 right	hypertroph	m	62
1c	septal	Myocardial infarctions, dilatation of both ventricles, coronary heart disease, arrhythmia, 4 fold bypass	18 left/ 7 right	hypertroph	m	80
1d	septal	Endocarditis, mechanical mitral valve, decompensated restrictive cardiomyopathy	15 left	hypertroph	m	62
2a	septal	Dilatation of left ventricle, calcification of the base of mitral valve	7 right/ 16 left	normal	m	62
2b	septal	Dilatation of left ventricle with rounded apex cordis	15 left	normal	m	54
2c	left ventricle		20 left	normal	m	76
2d	left ventricle	kardiogenic shock, aortal valve replacement, 3 fold coronary bypass, myocardial infarction (ventral left ventricle)	20 left/ 5 right	hypertroph	m	62
3a	left ventricle	Hypertensive heart disease	17 left	normal	m	62
3b	left ventricle	decompensated chronic ischemic heart disease, Dilatation of left atrium, left and right ventricles, Mitral valve insufficiency	16 left/ 6 right	hypertroph	m	70
3c	left ventricle		12 left/ 4 right	normal	f	65
3d	left ventricle	Dilatation and lipomatous transformation of left ventricle, calcification of mitral and aortic valves	18 left	normal	f	76
4a	left ventricle	Dilatation of left and right ventricles	16 left	hypertroph	f	53
4b	left ventricle	chronic ischemic heart disease, infarction of ventral left ventricle, Dilatation of both ventricles	16 left/ 5 right	normal	f	93
4c	left ventricle		15 left/ 4 right	normal	m	43

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4d	left ventricle	Cardiac failure, Ischemia, myocardial infarction of posterior left ventricle, Dilatation of both ventricles, tricuspid valve insufficiency	14 left/ 4 right	normal	m	64
5a	left ventricle	myocardial sclerosis and dilatation of left ventricle	16 left/ 4-5 right	normal	m	63
5b	septal	chronic Cor pulmonale, myocardial sclerosis of left ventricle, Dilatation of right ventricle	16 left/ 7 right	hypertroph	m	68
6a	septal	Dilatation of both ventricles	14 left/ 6 right	normal	m	66
6b	left ventricle	hypertensive heart disease, myocardial infarction of left posterior ventricle, lipomatosis of left ventricle, Dilatation of right ventricle	20 left/ 6 right	hypertroph	m	84
7a	left ventricle	Myocardial infarction with acute reinfarction of left ventricle (anterior, posterior and septum) Dilatation of both ventricles	20 left/ 6 right	hypertroph	m	72
7b	left ventricle	ulceropolypous aortic valve endocarditis with valve perforation and rupture	14 left/ 4 right	normal	m	38

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