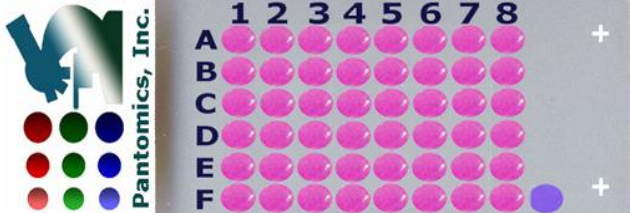


Cat No: CVD481 – Cardiovascular disease tissue array

Lot#	Cores	Size	Cut	Format	QA/QC		
CVD48101	48	2mm	4um	6X8	H&E, IHC anti-CD34		

Recommended applications: For research use only. RNA or protein tissue profiling using IHC or ISH suitable for blood vessel or endothelial cell related studies.

Description: Cardiovascular disease tissue array, non-overlapping with CVD231, 24 cases of normal, reactive and neoplastic cardiovascular tissues in duplicates. Designed for blood vessel or endothelial cell related studies.

Those highlighted by "*" were from autopsy. All the tissues were from surgical resection. They were fixed in 10% neutral buffered formalin for 24 hours and processed using identical SOPs. Sections were picked onto Superfrost Plus or APES coated Superfrost slides. They can be stored for use at 4C for up to six months from the date of shipment. **There may be 5 to 10% of tissue core loss.**

Array Position	Sex	Age	Anatomic Site	Pathology	Grade	Stage
A01	M	52	Blood vessel, main artery	Normal*	null	null
A02	M	69	Blood vessel, main artery	Atherosclerosis	null	null
A03	M	35	Blood vessel, main artery	Aneurysm	null	null
A04	F	46	Carotid artery	Carotid body paraganglioma	null	null
A05	F	53	Spleen	Hypertension arteries	null	null
A06	F	36	Blood vessel, veil	Normal*	null	null
A07	M	20	Blood vessel, veil	Varicose vein	null	null
A08	F	45	Blood vessel, leg vein	Vasculitis	null	null
B01	M	52	Blood vessel, main artery	Normal*	null	null
B02	M	69	Blood vessel, main artery	Atherosclerosis	null	null
B03	M	35	Blood vessel, main artery	Aneurysm	null	null
B04	F	46	Carotid artery	Carotid body paraganglioma	null	null
B05	F	53	Spleen	Hypertension arteries	null	null
B06	F	36	Blood vessel, veil	Normal*	null	null
B07	M	20	Blood vessel, veil	Varicose vein	null	null
B08	F	45	Blood vessel, leg vein	Vasculitis	null	null
C01	M	55	Testis	Granuloma	null	null
C02	M	58	Skin	Ulcer, granuloma	null	null
C03	F	21	Abdomen wall	Hemangiopericyctosarcoma	null	null
C04	F	36	Heart, atrium	Normal*	null	null
C05	M	35	Heart, atrium	Myxoma	null	null
C06	M	58	Heart	Normal*	null	null
C07	M	46	Heart	Normal*	null	null
C08	F	49	Heart	Rheumatic mitral valvulitis	null	null
D01	M	55	Testis	Granuloma	null	null
D02	M	58	Skin	Ulcer, granuloma	null	null
D03	F	21	Abdomen wall	Hemangiopericyctosarcoma	null	null
D04	F	36	Heart, atrium	Normal*	null	null
D05	M	35	Heart, atrium	Myxoma	null	null
D06	M	58	Heart	Normal*	null	null
D07	M	46	Heart	Normal*	null	null
D08	F	49	Heart	Rheumatic mitral valvulitis	null	null
E01	F	42	Heart	Rheumatic mitral valvulitis	null	null
E02	M	60	Heart	Pericardial mesothelial sarcoma	null	null
E03	F	57	Skin	Hemangioma	null	null
E04	M	58	Liver	Hemangioma	null	null
E05	M	14	Head and neck, nasal cavity	Angioleiomyoma	null	null
E06	F	31	Placenta	Normal	null	null
E07	F	31	Umbilical cord	Normal	null	null



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E08	M	52	Spleen	Normal	null	null
F01	F	42	Heart	Rheumatic mitral valvulitis	null	null
F02	M	60	Heart	Pericardial mesothelial sarcoma	null	null
F03	F	57	Skin	Hemangioma	null	null
F04	M	58	Liver	Hemangioma	null	null
F05	M	14	Head and neck, nasal cavity	Angioleiomyoma	null	null
F06	F	31	Placenta	Normal	null	null
F07	F	31	Umbilical cord	Normal	null	null
F08	M	52	Spleen	Normal	null	null

Notes: Bake at 60C for ~60 minutes before use. If antigen retrieving is needed, it is important to avoid **direct-boiling and high pH or high strength** antigen retrieving buffer. For availability of complimentary IHC data, please contact us at info@pantomics.com.

Certified by: Langxing Pan, M.D., Ph.D.