ADULT HUMAN HEART
HIGH-QUALITY TISSUE

- **Aorta**
  - CAR-101/F
  - CAR-101/P
  - CAR-101/R

- **Aortic Valve**
  - CAR-102/F
  - CAR-102/P
  - CAR-102/R

- **Aortic Semilunar Valve**
  - CAR-103/F
  - CAR-103/P
  - CAR-103/R

- **Ascend Coronary R**
  - CAR-104/F
  - CAR-104/P
  - CAR-104/R

- **Atrium Appendage L**
  - CAR-108/F
  - CAR-108/P
  - CAR-108/R

- **Atrium Appendage R**
  - CAR-109/F
  - CAR-109/P
  - CAR-109/R

- **Atrium Trabecula L**
  - CAR-110/F
  - CAR-110/P
  - CAR-110/R

- **Atrium Trabecula R**
  - CAR-111/F
  - CAR-111/P
  - CAR-111/R

- **Atrium Wall L**
  - CAR-112/F
  - CAR-112/P
  - CAR-112/R

- **Atrium Wall R**
  - CAR-113/F
  - CAR-113/P
  - CAR-113/R

- **Bicuspid Valve**
  - CAR-114/F
  - CAR-114/P
  - CAR-114/R

- **Brachiocephalic Artery**
  - CAR-116/F
  - CAR-116/P
  - CAR-116/R

- **Carotid Artery L**
  - CAR-118/F
  - CAR-118/P
  - CAR-118/R

- **Carotid Artery R**
  - CAR-119/F
  - CAR-119/P
  - CAR-119/R

- **Circumflex Artery**
  - CAR-120/F
  - CAR-120/P
  - CAR-120/R

- **Coronary L**
  - CAR-122/F
  - CAR-122/P
  - CAR-122/R

- **Coronary R**
  - CAR-123/F
  - CAR-123/P
  - CAR-123/R

- **Descend Coronary L**
  - CAR-126/F
  - CAR-126/P
  - CAR-126/R

- **Descend Coronary R**
  - CAR-127/F
  - CAR-127/P
  - CAR-127/R

- **Endocardium**
  - CAR-128/F
  - CAR-128/P
  - CAR-128/R

- **Epicardium**
  - CAR-129/F
  - CAR-129/P
  - CAR-129/R

- **Normal & Diseased Tissue Available**

*F — Frozen
P — Formalin-Fixed
R — RNAlater®

**www.anabios.com**

Early Human Insights
ADULT HUMAN HEART
HIGH-QUALITY TISSUE

- Mitral Valve
  CAR-131/F
  CAR-131/P
  CAR-131/R

- Myocardium L
  CAR-133/F
  CAR-133/P
  CAR-133/R

- Myocardium R
  CAR-134/F
  CAR-134/P
  CAR-134/R

- Papillary L
  CAR-136/F
  CAR-136/P
  CAR-136/R

- Papillary R
  CAR-136/F
  CAR-136/P
  CAR-136/R

- Pulmonary Semilunar Valve
  CAR-137/F
  CAR-137/P
  CAR-137/R

- Pulmonary Vein
  CAR-138/F
  CAR-138/P
  CAR-138/R

- Septum
  CAR-140/F
  CAR-140/P
  CAR-140/R

- Sinoatrial Node
  CAR-141/F
  CAR-141/P
  CAR-141/R

- Subclavian Artery L
  CAR-143/F
  CAR-143/P
  CAR-143/R

- Subclavian Artery R
  CAR-144/F
  CAR-144/P
  CAR-144/R

- Tricuspid Valve
  CAR-146/F
  CAR-146/P
  CAR-146/R

- Ventricular Outflow Tract L
  CAR-150/F
  CAR-150/P
  CAR-150/R

- Ventricular Outflow Tract R
  CAR-151/F
  CAR-151/P
  CAR-151/R

- Ventricular Purkinje L
  CAR-152/F
  CAR-152/P
  CAR-152/R

- Ventricular Purkinje R
  CAR-153/F
  CAR-153/P
  CAR-153/R

- Ventricle L
  CAR-148/F
  CAR-148/P
  CAR-148/R

- Ventricle R
  CAR-149/F
  CAR-149/P
  CAR-149/R

- Ventricle Trabecula L
  CAR-154/F
  CAR-154/P
  CAR-154/R

- Ventricle Trabecula R
  CAR-155/F
  CAR-155/P
  CAR-155/R

- Ventricle Trabecula R
  CAR-155/F
  CAR-155/P
  CAR-155/R

Sales & Inquiries:
(858) 224-7360
info@anabios.com

AnaBios
Early Human Insights
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VALIDATION OF HUMAN HEART CELLS

This figure shows a typical human heart that AnaBios uses to isolate cardiomyocytes and phase contrast microscopy images of representative adult human primary cardiomyocytes. Isolated cardiomyocytes were found to be Ca2+-tolerant, retain rod-shaped morphology and exhibit cross striations.

Identification of Dofetilide arrhythmic risk: Compared to the black control trace, the contractility transients recorded in the presence of Dofetilide (0.02μM, red trace) induce episodes of “after-contraction” (AC, red shaded area) at a pacing frequency of 1Hz.

Identification of Verapamil safety and negative inotropic potential: Compared to the black control trace, the contractility transients recorded in the presence of Verapamil at 0.01, 0.1, 1, and 10μM inhibit sarcomere shortening with no AC episodes at a pacing frequency of 1Hz.

Identification of Isoproterenol positive inotropic potential: Compared to the black control trace, the contractility transients recorded in the presence of Isoproterenol (0.03μM, red trace) increase sarcomere shortening at a pacing frequency of 1Hz.

High-Quality Human Tissue for Drug Discovery & Research

AnaBios offers high-quality human heart tissue ethically-sourced from consenting donors. Our human tissue samples are processed utilizing proprietary methods to maximize the preservation of physiological function.

AnaBios offers both normal and diseased human heart tissue and provides demographic details, including sex, age, race and BMI.

For more information, please email info@anabios.com or call (868) 366-8608.