**TSI845Ra01**
**Rat Aorta Tissue of Vascular Calcification (VC)**
**Organism Species: Aortas (Rat)**
***Instruction manual***

FOR RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

# Basic information

**Product No. :** TSI845Ra01
**Organism Species :** Aortas (Rat) ***Same name, Different species.***
**Strain :** Rat **Sex :** Male
**Age :** 8-10 weeks **Weight :** 220g~250g **Level :** SPF
**Disease :** Injury induced by Vitamin D3，refer to DSI845Ra01
**Source :** Aorta **Traits :** Paraffin block
**Applications :** Paraffin slides for pathologic research: IHC,IF and HE,Masson and other stainings.

## BIOSAFETY of the Rat Aorta Tissue of Vascular Calcification (VC)

Tissues are negative for HIV-1, HBV, HCV, mycoplasma, bacteria, yeast and fungi.

## USAGE of the Rat Aorta Tissue of Vascular Calcification (VC)

Upon receiving the fresh tissues, transfer the tissues to liquid nitrogen, -80° C freezer or directly process the tissues and experiment immediately. Paraffin embedding tissue often needs to be cut into slices before use.Upon receiving the paraffin section, after grilled with 60° C of 3-5 hours, it can be stored at 4° C in the short term, otherwise it must be stored at -20° C. Upon receiving the frozen section, immediately transfer it to -80° C or -20° C freezer.

## STORAGE of the Rat Aorta Tissue of Vascular Calcification (VC)

Fresh tissues to be used within 1 month must be stored at -80° C. Paraffin embedding tissue and paraffin section to be used within 1 month may be stored at room temperature, otherwise it must be stored at -4° C(≤3 month) or -20° C(≤6 months). Frozen section must be stored at -20° C(≤3 month) or -80° C(≤6 months). Avoid repeated freeze-thaw cycles.

## FIGURE of the Rat Aorta Tissue of Vascular Calcification (VC)

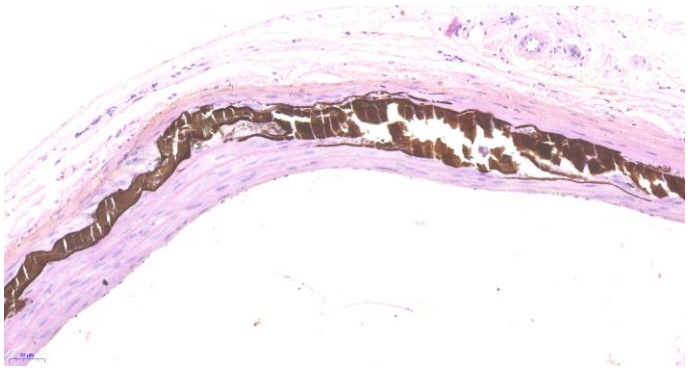


Figure 1

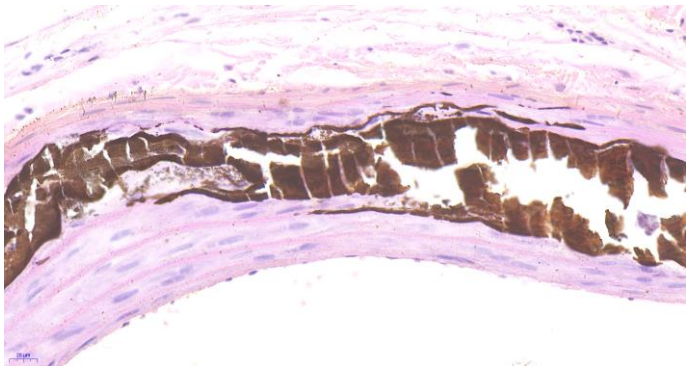


Figure 2

Figure 1 Detection of Rat Aorta Tissue of Vascular Calcification (VC) by Von Kossa Staining (Optical microscope,×200)
Figure 2 Detection of Rat Aorta Tissue of Vascular Calcification (VC) by Von Kossa Staining (Optical microscope,×400)