



## Preservation stability data sheet

### ADMATRIX™

ADMATRIX™ enables you to prepare human skin models easily and handily.

ADMATRIX™ is a highly bioactive ADM (Acellular Dermal Matrix) made from tissue of normal porcine skin, which has the most similar structure to that of human skin.

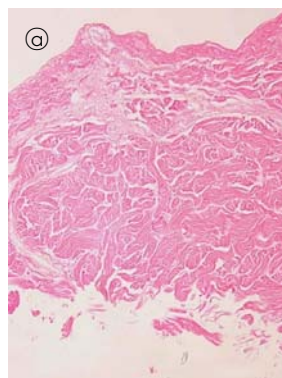
#### ■ Preservation stability tests ■

Tests conducted to unopened packages of ADMATRIX™ stored at 4°C.

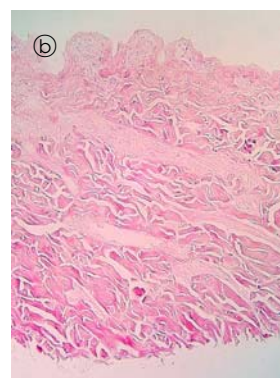
- Up to 6 months after the time of production, no changes were observed in the basement membrane and in the dermal collagen structure. The results showed that structure of ADMATRIX™, which is close to biological matrix, was retained after a period of storage. (Fig.1, 2)
- Microbial tests and other additional tests proved that the sterility and the endotoxin-free state of ADMATRIX™ were kept, up to 6 months after the time of production. (Table1)

#### Preservation stability test (1)

Fig.1 ADMATRIX™ after long-term storage at 4°C, HE stained (x 100)



a: stored for 3 months

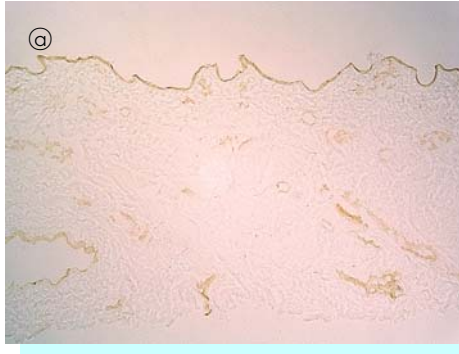


b: stored for 6

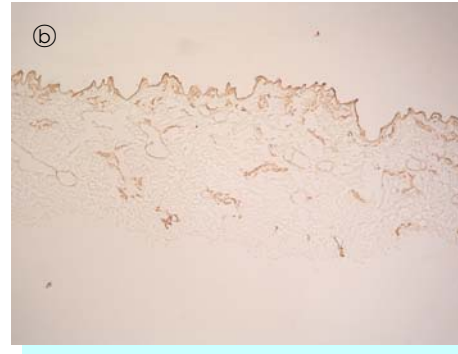


**Preservation stability test**

**Fig.2: Type IV collagen of ADMATRIX™, after long-term storage, stained (x100)**



**a: stored for 3 months**



**b: stored for 6**

**Table 1 : Microbial tests**

Storage period \ Article	Bacteria	Fungus	Endotoxin
3 <sup>rd</sup> month	Negative	Negative	≦ 0.8 pg/mL
4 <sup>th</sup> month	Negative	Negative	≦ 0.8 pg/mL
5 <sup>th</sup> month	Negative	Negative	≦ 0.8 pg/mL
6 <sup>th</sup> month	Negative	Negative	≦ 0.8 pg/mL

This product is for RESEARCH USE ONLY. DO NOT use for any other purpose.

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