## KBM VEC-1

## <u>Overview</u>

This medium can be applied to the research of vascular pathology and angiogenesis, drug development, and toxicity testing.

## **Characteristics**

- This Product is a low-serum medium which is composed of a 500mL basal medium, a supplement and a final concentration of FBS becomes 2% after added to the basal medium.
- FBS used is approved in quality by inspections in every batch.
- Please use up the medium within 1 month since blended.
- Human serum can be a substitute for FBS.

Supplement					
rhEGF	rhFGF-basic	$\mathrm{rhVEGF}_{165}$	rhIGF- I		

## Cell Culture Example

1000000

100000

10000

1000

100

10

1

0

100

Fig.1: Growth curves in passage culture

200

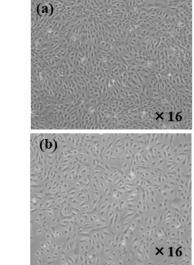
Time (hr)

300

400

Total cell number (  $\times 10^4$  cells)





5

Passage (3 days interval)

Fig.2: Variation of PDT in passage culture

4

7

6

Fig.3: (a) HUVEC at Day 3 in P3 (b) HUVEC at Day 3 in P7

Product No.	Product Name	Size	Shelf Life	Storage
16030100	KBM VEC-1	1 Kit	6 months (Provisional)	2-8℃ -20℃
16030110	KBM VEC-1 Basal Medium	500  mL	6 months (Provisional)	2-8°C
16030120	KBM VEC-1 Supplement	0.5  mL	1 year	-20°C
16030130	KBM VEC-1 FBS	10 mL	1 year	-20°C

0

10

20 30

40

50 60

70

80

90

100

3

Population doubling time (hr)



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