

# **Biotek** $\beta$ -TCP Disc

## *Features and Benefits of $\beta$ -TCP disc*



An ideal reference biomaterial for bone and other tissue engineering research. This  $\beta$ -tricalcium phosphate ( $\beta$ -TCP) is a commonly used totally absorbable bioceramic for bone tissue engineering.  $\beta$ -TCP disc is cell culture tested and terminally sterilized by  $\gamma$ -radiation.

### **Ideal Reference Biomaterial for Bone Tissue Engineering Research**

$\beta$ -TCP has been extensively studied as bone repair and bone tissue engineering scaffold material. It has excellent biocompatibility and osteo-conductivity. Therefore, these  $\beta$ -TCP discs can serve as an ideal reference surface for your bone and other tissue engineering studies.

### **Pre-sterilized and Ready to Use**

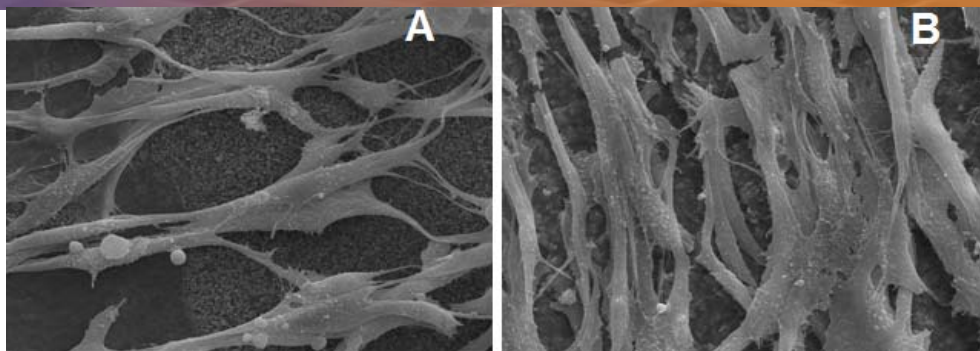
$\beta$ -TCP discs are individually packaged and terminally sterilized using  $\gamma$ -radiation. They are ready to use!

### **Bioabsorbable and Non-Cytotoxic**

$\beta$ -TCP discs are made from 100% synthetic tri-calcium phosphate.  $\beta$ -TCP has been extensively studied and used as bioabsorbable biomaterial.  $\beta$ -TCP has excellent biocompatibility and is non-cytotoxic.

### **Consistent Quality**

$\beta$ -TCP discs are made from 100% synthetic  $\beta$ -TCP with consistent quality to ensure experimental reproducibility when using different batches of  $\beta$ -TCP discs.



Scanning Electron Microscopic (SEM) images showing that osteoblasts cultured on  $\beta$ -TCP discs at day 3 (A) and day 7 (B).

For Ordering: <http://www.3dbiotekstore.com>; Tel: (732)729-6270; Fax: (732)745-7270

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