FLEXCELL® COLLAGEL®

Collagen gel solution for creating a 3D cell-seeded collagen construct for tissue engineering.

All components in one kit for creating a 3D cell-seeded bioartificial (BAT) collagen gel (Fig. 14) reproducibly, while decreasing user error.

	Number of 6-well Tissue Train® plates/kit*		
Kit Size	*Linear*	*Trapezoidal*	*Circular*
Mini	8	2	1
Midi	17	4	3
Maxi	34	9	6

Collagel® Kit includes:

- 8 mL Collagel® (Type I Collagen)
- 2 mL Reagent A (5X MEM)
- Reagent B (Fetal Bovine Serum, Lyophilized)
- 0.25 mL Reagent C (1 M Hepes)
- 0.5 mL Reagent D (0.1 M NaOH in 5X MEM)

Volumes vary depending on kit size. Volumes shown are for a mini Collagel® kit.

Quantity based on 10% more than the recommended gel volumes for BATS as stated in the Tissue Train® User's Manual, which are 200 μl/linear, 700 μl/trapezoidal, and 1 μl/circular.

Figure 14. *Trapezoidal-shaped BAT*

ORDERING INFORMATION (Please contact distributor for pricing)		
Catalog Number	**Product/Item**	**Price**
COLKIT-100A	Mini Collagel® Kit	
COLKIT-100B	Midi Collagel® Kit, **10% savings**	
COLKIT-100C	Maxi Collagel® Kit, **10% savings**	

FLEXCELL® THERMACOL®

Collagen gel solution with rapid gelation at 37 °C (*Fig.* 15).

- *All components for creating a 3D cell-seeded bioartificial (BAT) collagen gel provided in one kit.*
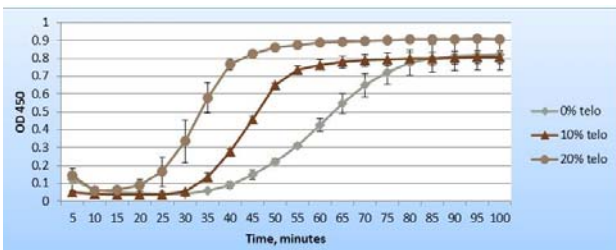- Available in three sizes as shown in the table above.

Figure 15. *Speed of gelation of Collagel® (0% telo) and Thermacol® (10% and 20% telo) at 37^0C.*

ThermaCol® Kit includes:

- 8 mL Collagel® + 0.8 mL ThermaCol®
- 2 mL Reagent A (5X MEM)
- Reagent B (Fetal Bovine Serum, Lyophilized)
- 0.25 mL Reagent C (1 M Hepes)
- 0.5 mL Reagent D (0.1 M NaOH in 5X MEM)

Volumes vary depending on kit size. Volumes shown are for a mini Collagel® kit.

ORDERING INFORMATION (Please contact distributor for pricing)		
Catalog Number	**Product/Item**	**Price**
ThermaKIT-100A	Mini ThermaCol® Kit	
ThermaKIT-100B	Midi ThermaCol® Kit, **10% savings**	
ThermaKIT-100C	Maxi ThermaCol® Kit, **10% savings**	

BIOLOGICS