

# Time to Engraftment Assays for Cellular Therapy

Predict Neutrophil, Platelet or Erythroid Engraftment in 5 Days

- No need to wait for >500 neutrophils and >50,000 platelets/ $\mu$ L of blood after transplantation.
- No 14 day cultures. Just a short 5 day incubation.
- Perform multiple times prior to actual engraftment.
- No colony counting required. Cell proliferation data gives you the information in 5 minutes or less.
- No methylcellulose. Suspension Expansion Culture™ (SEC™) Technology makes methylcellulose obsolete.
- Quantitative, functional assay to ensure short-term engraftment.
- Correlates with CFU assay; multiplexes with flow cytometry.
- 96-Well plates. Smaller sample and reagent volumes. Faster setup.
- Use any available plate reader.
- Trust your results every time.
- Directly compare engraftment from similar or different tissues over time to ensure consistency.
- Includes everything you need to culture, measure and predict neutrophil, platelet and/or erythroid engraftment. Just prepare and add cells.
- Learn to use the assay in less than 1 day.

## Time to Engraftment (TE) Assay Kits Available

(Get at least 24 samples each at 4 replicates/sample from every kit. Can also be user defined)

<b>HALO® TE</b> (Luminescence plate reader)	<b>HemoFLUOR™ TE</b> (Fluorescence plate reader)	<b>HemoLIGHT™ TE</b> (Absorbance plate reader)	<b>Type of Engraftment</b>
K2-BTE-1	K5-BTE-1	K4-BTE-1	Erythroid
K2-GMTE-1	K5-GMTE-1	K4-GMTE-1	Neutrophil
K2-MkTE-1	K5-MkTE-1	K4-MkTE-1	Platelet
K2-3PTE-3	K5-3PTE-3	K4-3PTE-3	All 3

Preferred Cell Systems™