

CHIMERISM, POST ENGRAFTMENT

CHIMERISM, POST ENGRAFTMENT (PCR, Fragment analysis)	
Type of Sample	Free Text
Donor DNA	%
Recipient DNA	%

Note:

1. Assay performed on 3500DX Genetic analyzer
2. Accuracy varies with proportion of recipient and donor cells in the specimen with variations of +/- 5%
3. Clinically critical results should be confirmed with 1 or more subsequent samples to detect trends in Chimerism

Comments

Patients with hematopoietic cell infusions for the purpose of engraftment like bone marrow transplant recipients should have their blood or bone marrow monitored for an estimate of the percentage of donor and recipient cells. The presence of both donor and recipient cells (Chimerism) or donor cells alone is an indicator of transplant success.

Uses

- Determining relative amount of donor and recipient cells
- Indicator of bone marrow transplant success