HMDS: Genomic Analysis

Technology: Fluorescent in-situ hybridisation (FISH)
Detection and analysis of genomic rearrangements and imbalances

Tests **(Manual Method)**	
CytoCell CCND1 Breakapart	CytoCell E2A Breakapart
CytoCell IGH/CCND1 Translocation, Dual Fusion	CytoCell TEL/AML1 (ETV6/RUNX1) Translocation,Dual Fusion
CytoCell CCND2 Breakapart/ 12cen	CytoCell TCL1 Breakapart
CytoCell ATM/alpha 11	CytoCell FAST PML/RARα (RARA) Translocation, Dual Fusion
CytoCell TP53/alpha 17	CytoCell IGH Breakapart
CytoCell BCL2 Breakapart	CytoCell CRLF2 breakaprt probe
CytoCell BCL6 Breakapart	CytoCell RUNX1/RUNX1T1 dual-fusion translocation probe
CytoCell MYC Breakapart	
CytoCell IGH/MYC Translocation, Dual Fusion	
CytoCell IGK/IGL/MYC Translocation	
CytoCell 11q23/11q24/11cen	
CytoCell FIP1L1/ CHIC2/PDGFRA Deletion/Fusion	
CytoCell IGH/MAFB Translocation, Dual Fusion (MAA preps and bone marrow smears only)	
CytoCell CBFB breakapart probe	
CytoCell BCR/ABL(ABL1) Translocation, Dual Fusion	
CytoCell IGH/MAF Translocation, Dual Fusion	
CytoCell IGH/FGFR3 Translocation, Dual Fusion	
CytoCell MLL (KMT2A) Breakapart	
CytoCell EVI1 (MECOM) Breakapart	
CytoCell PDGFRB Breakapart	
CytoCell ABL1 Breakapart probe	
CytoCell ABL2 Breakapart probe	
CytoCell E2A/PBX1 Plus Translocation, dual fusion	

Tests (OMNIS Method, FFPE)	
Agilent MYC	
Agilent BCL2	
Agilent BCL6	
Agilent MYC/IGH	
Agilent DUSP22/IRF4 breakapart probe	
Agilent TP63 breakapart probe	
Agilent CCND2 breakapart probe	
Agilent CCND1 breakapart probe	
Agilent MALT1 breakapart probe	
Agilent MYC/K & MYC/L dual-fusion translocation probes	