Multiple Myeloma / Plasmocytoma

Analysis	Quantity/Material	Pre-analytics/Notes	Frequency Test duration	Method
Microscopic chromosome analysis	5 ml heparinised bone marrow	For bone marrow use sterile heparin transport medium (available on request). Alternative: bone marrow in heparin monovette	daily Mo.-Fr. 12-14 days	Microscopic chromosome analysis
Fluorescence in situ hybridization (FISH) del/dup 1p32 / 1q21 +5 / +9 / +15 del 6q21/6q23 (SEC63/MYB) 8q24 MYC rearrangement 11q23.3 KMT2A rearrangement del 13q14.2 / 13q34 14q32 IgH rearrangement del 17p13.1 (TP53) / 17q11.2 with positive IgH rearrangement: t(4;14), t(6;14), t(11;14), t(14;16), t(14;20)	5 ml heparinised bone marrow	When performed with conventional chromosome analysis, no separate material is required.	daily Mo.-Fr. 5-7 days, 12-14 days with chromosome analysis	FISH (if possible after enrichment of CD138 positive cells)
Immunophenotyping **l**ymphoma panel	5 ml blood (EDTA) or 3 ml bone marrow (EDTA)	Limited stability of the sample. Storage at room temperature. Sample should be in the laboratory within 24 hours. Submission: Monday to Thursday	daily Mo.-Fr.	Flow cytometry

Request forms for the analyses are available in the download area of our homepage.