

NUMBER OF KARYOGRAMS

Inspector Instructions:



- Sampling of test procedures for number of karyograms
- Sampling of patient records/worksheets

CYG.41600 Karyograms per Case

Phase II



There is a minimum of two karyograms per case, with at least one karyogram per cell line, for the following specimen types.

1. PHA-stimulated blood cells
2. Amniotic fluid (in situ or flasks)
3. Chorionic villus
4. Solid tissue (non-neoplastic)

NOTE: For abbreviated studies, a minimum of one karyogram is required. Examples of such circumstances are confirmation of an abnormal prenatal chromosome result, or peripheral blood chromosome studies on family members to exclude a previously identified chromosome rearrangement. The laboratory must have written criteria for the circumstances under which an abbreviated study can be performed. Criteria should address the rationale for such studies, the clinical reason for referral, and the minimum number of karyograms.

Evidence of Compliance:

- ✓ Patient records/worksheets

REFERENCES

- 1) American College of Medical Genetics, Standards and Guidelines for Clinical Genetics Laboratories, 2021 edition.

CYG.42000 Karyograms - Neoplastic Disorders

Phase II



For neoplastic disorders studied in marrow, blood or solid tumor specimens, there are at least two karyograms per stemline, one karyogram from each sideline (subclone) and one karyogram of a normal cell (if observed in the analysis).

Evidence of Compliance:

- ✓ Patient records/worksheets

BAND RESOLUTION

Inspector Instructions:



- Sampling of test procedures for band resolution