

EQA tests cytogenetics, molecular cytogenetics, genetic counselling

Schedule 2025, Revision 2

(Changes compared to the previous version marked in red)

As of: 1 Jun 2025

EQA test	Registration period	Dispatch of samples	Submission deadline	Analytic method	Test item(s)	Evaluation by expert committee	Final report and certificates
Molecular Karyotyping (formerly: Array Diagnostics)	15 Dec 2024 – 26 Jan 2025	11 Feb 2025	6 Apr 2025	Array-CGH or CNV analysis/ NGS	DNA	7 Apr – 1 Jun 2025	15 Oct 2025
Tumour cytogenetics	6 Jan – 16 Feb 2025	17 Jun 2025	13 Jul 2025	Karyotyping	Vital cells in surrogate blood sample	14 Jul – 28 Sep 2025	31 Dec 2025
Interphase-FISH tumour (QUITZ) ²	16 Mar – 13 Apr 2025	29 Apr 2025	8 Jun 2025	FISH analysis	Fixated cell suspension / report of findings	9 Jun – 31 Aug 2025	30 Nov 2025
Lab-focused QA ^{1,2,3}	24 Mar – 4 May 2025	-	4 May 2025	Karyotyping	Upload of own karyotypes	5 May – 15 Jun 2025	30 Sep 2025
Prenatal rapid test ²	1 May – 30 Jun 2025	16 Sep 2025	12 Oct 2025	FISH analysis / PCR	Fixated suspension of cultivated amniotic fluid cells / DNA	13 Oct – 31 Dec 2025	31 Mar 2026
Structural analysis ³	1 Sep – 12 Oct 2025	-	12 Oct 2025	Image analysis (chromosome banding)	Images, available online	13 Oct 2025 – 11 Jan 2026	31 May 2026
Genetic counselling ³	1 Sep – 9 Nov 2025	-	9 Nov 2025	Creation of a consultation letter (German language only)	Case description / Human genetic report (German language only)	10 Nov 2025 – 15 Jan 2026	15 Feb 2026
Molecular cytogenetics ¹	1 Sep – 31 Oct 2025	9 Dec 2025	25 Jan 2026	FISH analysis	FISH sample, eventually FISH images	27 Jan – 12 Apr 2026	30 Jun 2026

1 Certificates are provided according to the criteria of German RiLiBÄK for this scheme.

2 The EQA test *Lab-focused QA* comprises the evaluation of postnatal, prenatal amniotic fluid and prenatal CVS karyotypes. The schedules for all these parts are identical.

3 The EQA scheme is activated for processing by the participant immediately after registration. Deadline see column "Submission deadline".