

Ring Trial	Application start	Application deadline	Dispatch of samples	Deadline for results upload	Analytic method	Type of samples / documents	Evaluation	Certificates
Array diagnostics	04 Dec 2017	10 Jan 2018	16 Jan 2018	04 Mar 2018	Array-CGH	DNA	05 Mar – 29 Apr 2018	14 May 2018
Lab-focused QA^{1,2}	09 Apr 2018	20 May 2018	–	20 May 2018	Karyotyping	Own karyotypes	22 May – 03 Sep 2018	14 Sep 2018
Structural analysis	04 June 2018	08 July 2018	–	08 July 2018	Image analysis	Images, online available	09 July – 23 Oct 2018	07 Nov 2018
Interphase FISH tumour (QUITZ)	09 Apr 2018	06 May 2018	15 May 2018	08 June 2018	FISH	Fixed cell suspension / report of findings	18 June – 05 Oct 2018	22 Oct 2018
Prenatal rapid test	01 May 2018	31 May 2018	09 Oct 2018	30 Oct 2018	FISH analysis	Native suspension	31 Oct 2018 – 06 Feb 2019	22 Feb 2019
Next Generation Sequencing	02 July 2018	26 Aug 2018	–	26 Aug 2018	NGS analytic pipeline	NGS raw data, available online	27 Aug – 04 Nov 2018	19 Nov 2018
Tumor cytogenetics	13 Aug 2018	28 Sep 2018	16 Oct 2018	26 Nov 2018	Karyotyping	Vital cells in surrogate blood sample	27 Nov 2018 – 01 Feb 2019	16 Feb 2019
Molecular cytogenetics	02 Nov 2018	14 Dec 2018	– (virtually)	14 Dec 2018	FISH analysis	Slides, online available	15 Dec 2018 – 15 Feb 2019	01 Mar 2019

¹ The Ring Trial *Lab-focused QA* comprises the evaluation of postnatal, prenatal amniotic fluid and prenatal CVS karyotypes. The schedules for all these parts are identical.

² Certificates are provided according to the criteria of German RiLiBÄK for this scheme.