

Sláinte Leanaí Éireann



Children's Health Ireland

Ref: PQ 38045/23

Sláinte Leanaí Éireann (SLÉ), Herberton, Siúlán San Séamas, Rialto, D08 HP97, Éire
Children's Health Ireland (CHI), Herberton, St James's Walk, Rialto, D08 HP97 Ireland

20 September 2023

Deputy Róisín Shortall
Dáil Eireann
Dublin 2

Dear Deputy Shortall

I refer to your below parliamentary question which has been forwarded to me for attention.

PQ 38045/23: To ask the Minister for Health the number of people who have undergone genetic testing in Children's Health Ireland at Crumlin for each of the years 2018, 2019, 2020, 2021, 2022 and to date in 2023, in tabular form.

Children's Health Ireland (CHI) Response:

The Clinical Genetics Laboratory in Crumlin provides a range of genetic testing and consists of both cytogenetic and molecular genetic testing for both rare disease and cancer. They also oversee sending out to external labs and who need to meet quality standards.

Please find set out enclosed the information that you require from Children's Health Ireland (CHI).

Our **Mission** is to: Promote and provide child-centred, research-led and learning informed healthcare, to the highest standards of safety and excellence. We will do this in partnership with each other, with children, young people and their families through a network of children's services in Ireland.

CRA Registered Charity Number (RCN): 20202295 Revenue Charitable Status CHY: 22235

Board Members: Prof James Browne (Chairman), Mr Con Cronin, Ms Mary Cryan, Prof Martin Elliott, Ms Catherine Guy, Dr Anne Kilgallen, Dr Gavin Lavery, Mr Bernard McLoughlin, Ms Brigid McManus, Ms Eleanor O'Neill, Mr Sean Sheehan



Table 1 Molecular Genetics

Year	Number of Tests requested / Number of Reports issued	Reports					
		Tests reported by DCG	Fail	DNA store	Store	S/O (reported by external labs)	N/R (Mol NPs)
2023 (Q1+2)	3898 / 3950	1248	-	181	-	2235	286
2022	7228 / 7553	2283	-	265	-	4412	593
2021	6687 / 6217	1937	-	305	-	3359	616
2020	6980 / 7562	2157	-	332	-	4141	932
2019	9165 / 8637	2883	-	541	-	4880	333
2018	8662 / 8231	2810	-	602	-	4539	280

Notes:

Numbers are for samples/tests and not for number of people (since patients may have multiple samples tested).

Numbers from 2020 onwards reduced below typical annual demand, due to Covid & HSE Cyberattack.



Table 2 Cytogenetics

Year	In (no. of samples received)/Out (sample reports)	Reports							
		G-band*	FISH only*	Array	Fail	DNA store	Store	S/O	N/R
2023 (Q1+2)	2217/2155	311	154	1254	11	65	9	21	335
2022	4034/4323	625	264	2673	21	101	8	20	639
2021	4559/4224	848	373	1947	31	67	9	11	937
2020	4661/4821	942	553	2084	31	72	5	9	1097
2019	6106/6201	1478	555	2649	71	174	22	5	1193
2018	6674/6850	1776	744	2454	51	167	28	6	1633

*Reports typically contain the results of multiple individual tests.

Yours sincerely

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