(digital PCR) OR (dPCR)

	NCT Number	Title	Authors	Description	Identifier	Dates
1	pubmed:36129255	Effect of Antigen Retrieval on Genomic DNA From Immunodissected Samples	Donald J Johann Ik Jae Shin Adam Roberge Sarah Laun Erich A Peterson Meei Liu Matthew A Steliga Jason Muesse Michael R Emmert-Buck Michael A Tangrea	Immunohistochemical (IHC) staining is an established technique for visualizing proteins in tissue sections for research studies and clinical applications. IHC is increasingly used as a targeting strategy for procurement of labeled cells via tissue microdissection, including immunodissection, computer-aided laser dissection (CALD), expression microdissection (xMD), and other techniques. The initial antigen retrieval (AR) process increases epitope availability and improves staining...	pmid:36129255 doi:10.1369/00221554221124163	Wed, 21 Sep 2022 06:00:00 -0400
2	pubmed:36129665	Digital PCR-Based Method for Detecting CDKN2A Loss in Brain Tumours	Shlomo Tsuriel Victoria Hannes Asala Hasona Michal Raz Dov Hershkovitz	INTRODUCTION: CDKN2A is a key tumour suppressor gene and loss of CDKN2A can be found in many tumours. In astrocytoma grade IV, CDKN2A is deleted in more than 50% of tumours. In many instances, low-grade gliomas with homozygous loss of CDKN2A behave like high grade tumours. The available techniques for CDKN2A loss are laborious, expensive, unreliable, or unavailable in most pathology institutes. Therefore, although it is essential for accurate brain tumour diagnosis, the routine diagnosis does...	pmid:36129665 doi:10.1007/s40291-022-00610-5	Wed, 21 Sep 2022 06:00:00 -0400
3	pubmed:36129931	Diagnostic performance of molecular and serological tests of SARS-CoV-2 on well-characterised specimens from COVID-19 individuals: The EDCTP "PERFECT-study" protocol (RIA2020EF-3000)	Joseph Fokam Claudia Alteri Luna Colagrossi Anne-Marie Genevieve Désiré Takou Alexis Ndjolo Vittorio Colizzi Nicaise Ndembi Carlo-Federico Perno	BACKGROUND: The SARS-CoV-2 pandemic is a global threat affecting 210 countries, with 2,177,469 confirmed cases and 6.67% case fatality rate as of April 16, 2020. In Africa, 17,243 cases have been confirmed, but many remain undiagnosed due to limited laboratory-capacity, suboptimal performance of used molecular-assays (~30% false negative, Yu et al. and Zhao et al., 2020) and limited WHO-recommended rapid-tests.	pmid:36129931 doi:10.1371/journal.pone.0273818	Wed, 21 Sep 2022 06:00:00 -0400