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Knight SR(1)(2), Thorne A(1), Lo Faro ML(1). Author information: (1)Nuffield Department of Surgical Sciences, University of Oxford, Oxford, United Kingdom.

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Proportion of Donor-Specific Cell-Free DNA in Blood as a ...

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Since then, the utility of donor-derived **cell-free DNA** (dd-cfDNA) as a marker of rejection has been established in heart, kidney, **liver**, lung, and other transplants, and dd-cfDNA has become one of the best investigated **biomarkers** in solid-organ **transplantation** (2–4,). dd-cfDNA is a minimally invasive marker of rejection, can be quantified via ...

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Jul 16, 2015 · Interest in **cell-free DNA**. Since the discovery of **donor-derived cell-free DNA** (ddcfDNA) in the recipient's blood and urine, clinical interest in **genomic cell-free DNA** (cfDNA) within the transplantation field is growing 21, 22. The release of ddcfDNA in the recipient's blood and urine secondary to **cell** damage in the graft makes these molecules potential **biomarkers** of graft health.

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Author: E. M. Gielis, E. M. Gielis, K. J. Ledeganc...

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Donor-specific circulating cell free DNA as a noninvasive ...

<https://www.ncbi.nlm.nih.gov/pubmed/31175849>

1. Clin Chim Acta. 2019 Aug;495:590-597. doi: 10.1016/j.cca.2019.06.004. Epub 2019 Jun 6. **Donor-specific circulating cell free DNA as a noninvasive biomarker of graft injury in heart transplantation.**

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Author: Hada Celicia Macher, Noelia García-Fern...

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