Title (en)
SYSTEMS AND METHODS FOR DETERMINING ATTRIBUTES OF BIOLOGICAL SAMPLES

Title (de)
SYSTEME UND VERFAHREN ZUR BESTIMMUNG VON EIGENSCHAFTEN BIOLOGISCHER PROBEN

Title (fr)
SYSTÈMES ET PROCÉDÉS POUR DÉTERMINER LES ATTRIBUTS D'ÉCHANTILLONS BIOLOGIQUES

Publication
EP 3628068 A4 20201230 (EN)

Application
EP 17908722 A 20170502

Priority
US 2017030703 W 20170502

Abstract (en)
[origin: WO2018203885A1] Systems and methods of determining pre-quantitation attributes of biological samples using post-quantitation attributes of those samples is disclosed. By altering a set of biological samples in a measurable way before running the set through an instrument (e.g., a mass spectrometer), a model can be developed that enables determination of the unknown pre-quantitation attributes in other biological samples as a function of post-quantitation attributes.

IPC 8 full level
G16B 40/10 (2019.01)

CPC (source: EP)
G16B 40/10 (2019.01)

Citation (search report)
- [A] US 2016003799 A1 20160107 - KAMLAGE BEATE [DE], et al
- [I] GABRIELE ANTON ET AL: "Pre-Analytical Sample Quality: Metabolite Ratios as an Intrinsic Marker for Prolonged Room Temperature Exposure of Serum Samples", PLOS ONE, vol. 10, no. 3, 30 March 2015 (2015-03-30), pages e0121495, XP055569897, DOI: 10.1371/journal.pone.0121495
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- [A] ANNA LOUISE SWAN ET AL: "Application of Machine Learning to Proteomics Data: Classification and Biomarker Identification in Postgenomics Biology", OMICS A JOURNAL OF INTEGRATIVE BIOLOGY, vol. 17, no. 12, 1 December 2013 (2013-12-01), NEW YORK, NY, US, pages 595 - 610, XP055748880, ISSN: 1536-2310, DOI: 10.1089/omi.2013.0017
- [A] ANIS KARIMPOUR-FARD ET AL: "A survey of computational tools for downstream analysis of proteomic and other omic datasets", HUMAN GENOMICS, BIOMED CENTRAL LTD, LONDON, UK, vol. 9, no. 1, 28 October 2015 (2015-10-28), pages 28, XP021228870, ISSN: 1479-7364, DOI: 10.1186/S40246-015-0050-2
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