

Publications of relevance to Sensabues' exhaled breath method – ExaBreath (EB)

1. 2017 Oct - A liquid chromatography and tandem mass spectrometry method to determine 28 non-volatile drugs of abuse in exhaled breath.
<https://www.ncbi.nlm.nih.gov/pubmed/29059614>
2. 2017 May - Expanding analytical options in sports drug testing: mass spectrometric detection of prohibited substances in exhaled breath.
<http://onlinelibrary.wiley.com/doi/10.1002/rcm.7903/epdf> (Open Access)
3. 2016 Oct - Sports drug testing using complementary matrices: Advantages and limitations.
<https://www.ncbi.nlm.nih.gov/pubmed/27040951>
4. 2016 Oct - Characterization of metizolam, a designer benzodiazepine, in alternative biological specimens. <http://journal-dl.com/item/591088233fbb6e13743e3c70>
5. 2016 July - Detection of Δ^9 -Tetrahydrocannabinol in exhaled breath after cannabis smoking and comparison with oral fluid. <link.springer.com/article/10.1007/s11419-016-0333-x>
6. 2016 June - Δ^9 -Tetrahydrocannabinol concentrations in exhaled breath and physiological effects following cannabis intake - a pilot study using illicit cannabis.
<https://www.ncbi.nlm.nih.gov/pubmed/27288550>
7. 2016 Jun + Testing for methadone and EDDP in exhaled breath collected with ExaBreath: Comparison with oral fluid and urine. <http://www.sciencedirect.com/science/article/pii/S2352007816000305>
8. 2016 Mar - Collecting protein biomarkers in breath using electret filters: A preliminary method on a new technical model and human study. <http://www.ncbi.nlm.nih.gov/pubmed/26934615>
9. 2016 Mar - Characterization of exhaled breath particles collected by an electret filter technique.
<http://www.ncbi.nlm.nih.gov/pubmed/26987381>
10. 2016 Feb - Testing for drugs in exhaled breath collected with ExaBreath in a drug dependence population: Comparison with data obtained in urine after LC-MS/MS analyses.
<http://www.ncbi.nlm.nih.gov/pubmed/26222873>
11. 2016 Jan - Potential of mass spectrometry in developing clinical laboratory biomarkers of non-volatiles in exhaled breath. <http://www.ncbi.nlm.nih.gov/pubmed/26578691>
12. 2015 Nov - Measurement of lung phosphatidylcholines in exhaled breath particles by a convenient collection procedure. <http://www.ncbi.nlm.nih.gov/pubmed/26505278>
13. 2015 Dec - First report on the pharmacokinetics of tramadol and O-desmethyltramadol in exhaled breath compared to plasma and oral fluid after a single oral dose.
<http://www.ncbi.nlm.nih.gov/pubmed/26388171>
<http://www.karolinska.se/contentassets/d5474c5480ca47778a14656b2f0926c1/tramadol-pharmacokinetics-in-exhaled-breath-oral-fluid-and-plasma.pdf>
14. 2015 Sept - Study on the origin and collection of exogenous compounds in exhaled breath aerosol particles. **Abstract only.** http://erj.ersjournals.com/content/46/suppl_59/PA2095

15. 2015 May - Phosphatidylethanol in breath: a possible non-invasive screening test for heavy alcohol consumption.
<http://clinchem.aaccjnls.org/content/61/7/991?cited-by=yes&legid=clinchem;61/7/991>
 16. 2015 Apr - Application of drug testing using exhaled breath for compliance monitoring of drug addicts in treatment. <http://www.ncbi.nlm.nih.gov/pubmed/25562730>
 17. 2015 Mar - Method validation and application of a liquid chromatography-tandem mass spectrometry method for drugs of abuse testing in exhaled breath.
<http://www.ncbi.nlm.nih.gov/pubmed/25687804>
<http://www.cannabisskunksense.co.uk/uploads/site-files/1-s2.0-S1570023215000720-main.pdf>
<https://www.elsevier.com/about/press-releases/research-and-journals/researchers-develop-first-validated-method-of-detecting-drugs-of-abuse-in-exhaled-breath>
 18. 2015 Jan - Clinical trial of a new technique for drugs of abuse testing: A new possible sampling technique. <http://www.ncbi.nlm.nih.gov/pubmed/25312474>
 19. 2014 Aug - Quantification of cocaine and metabolites in exhaled breath by liquid chromatography-high-resolution mass spectrometry following controlled administration of intravenous cocaine.
<http://www.ncbi.nlm.nih.gov/pubmed/25129634>
 20. 2014 Aug - Determination of amphetamine and methylphenidate in exhaled breath of patients ADHD treatment. <http://www.ncbi.nlm.nih.gov/pubmed/24452069>
 21. 2014 Jun - THC concentrations in exhaled breath related to physiological effects following cannabis smoking. <http://www.sciencedirect.com/science/article/pii/S235200781470037X>
 22. 2014 Jan - Exhaled breath for drugs of abuse testing - evaluation in criminal justice settings.
<http://www.ncbi.nlm.nih.gov/pubmed/24438778>
 23. 2013 Dec - Cannabinoids in exhaled breath following controlled administration of smoked cannabis.
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4537523/>
<http://clinchem.aaccjnls.org/content/60/9/1235>
<http://clinchem.aaccjnls.org/content/60/9/1236>
- NIDA Notes** - <https://www.drugabuse.gov/news-events/nida-notes/2014/05/device-detects-marijuana-in-breath-hours-after-smoking>
24. 2013 Apr - Detection of drugs of abuse in exhaled breath using a device for rapid collection: comparison with plasma, urine and self-reporting in 47 drug users.
http://www.alna.se/sites/default/files/journal_of_breath_research_2013.pdf
 25. 2012 Dec - Detection of drugs of abuse in exhaled breath from users following recovery from intoxication. <http://jat.oxfordjournals.org/content/36/9/638.full.pdf>
 26. 2011 Dec - Demonstration that methadone is being present in the exhaled breath aerosol fraction.
<http://www.ncbi.nlm.nih.gov/pubmed/21873017>
 27. 2011 Jun - Study on the sampling of methadone from exhaled breath.
<https://academic.oup.com/jat/article-pdf/35/5/257/2441655/35-5-257.pdf>

28. 2011 Apr - Determination of methadone in exhaled breath condensate by liquid chromatography-tandem mass spectrometry.
<https://academic.oup.com/jat/article-pdf/35/3/129/2293790/35-3-129.pdf>
29. 2011 Oct - Detection of THC in exhaled breath collected from cannabis users.
<https://academic.oup.com/jat/article-pdf/35/8/541/2615713/35-8-541.pdf>
30. 2010 Jul - Method for determination of methadone in exhaled breath collected from subjects undergoing methadone maintenance treatment. <http://www.ncbi.nlm.nih.gov/pubmed/20638346>
31. 2010 Jun - Amphetamines detected in exhaled breath from drug addicts: A new possible method for drugs-of-abuse testing. <http://www.ncbi.nlm.nih.gov/pubmed/20529456>
32. 2010 May - Characterization of exhaled particles from the healthy human lung - a systematic analysis in relation to pulmonary function variables. <https://www.ncbi.nlm.nih.gov/pubmed/20500095>
33. 2010 Mar - Effect of airway opening on production of exhaled particles.
<https://www.ncbi.nlm.nih.gov/pubmed/20056850>
34. 2009 Sept - The mechanism of breath aerosol formation.
<https://www.ncbi.nlm.nih.gov/pubmed/19415984>