



Oeuvres de Monsieur Scarron (7)

By -

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 96 pages. Original publisher: Washington, D. C: National Highway Traffic Safety Administration, 2007. OCLC Number: (OCoLC)235007169 Subject: Alcohol in the body -- Measurement -- Equipment and supplies -- Evaluation. Excerpt: . . . EVALUATING TRANSDERMAL ALCOHOL MEASURING DEVICES ethanol is lost through the skin as vapor through two processes: passive diffusion through the skin and active excretion from the eccrine or sweat glands (Swift, 2003). Because alcohol eventually becomes distributed freely in all body compartments, it can be measured in any body fluid, including compartments as remote as the vitreous in the eyes and cerebrospinal fluid in the brain and as large as the interstitial fluid that bathes cells throughout the body. A device under development by Spectrx, Inc. , samples alcohol in interstitial fluid under the skin by using a laser to shoot miniature holes in the skin and then samples the concentration of alcohol in the fluid of this extra-cellular interstitial compartment. This company has been aided by Small Business Innovative Research (SBIR) funds from the National Institutes of Health (NIH) and may someday have an alcohol-sensing product ready for...



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