Title (en)
ACOUSTIC SENSOR SPERM TEST KIT AND ASSAY

Title (de)
SPERMATESTKIT UND ASSAY MIT AKUSTISCHEM SENSOR

Title (fr)
TROUSSE DE TEST DE SPERME À CAPTEUR ACOUSTIQUE ET ANALYSE

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Application
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Abstract (en)
[origin: WO2007085839A1] The invention relates to a device for assaying sperm motility comprising: (a) a sample inlet port (32); (b) a sperm detector comprising: a first sample flow channel (38) extending from the inlet port (32); and a sperm detection region (34) in fluid communication with said flow channel (38); wherein the sperm detection region comprises an acoustic wave sensor, or microfabricated cantilever (50), and a sperm binding surface (44) capable of binding sperm. Methods of assaying for sperm motility are also provided comprising: (i) Providing a sample of sperm at an inlet; and (ii) Determining the rate at which sperm bind to a sperm detector distal to the inlet.

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