

億觀生物科技股份有限公司

蔣存超、林建明

start here 

人類精子檢測

六對就有一對



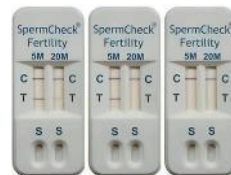
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如何方便在家自行檢查?

- 男性不孕症問題未被滿足需求
 - 早期診斷、長期追蹤
 - 個人隱私、求醫意願不高



SpermCheck



Fertell



FertilMarQ

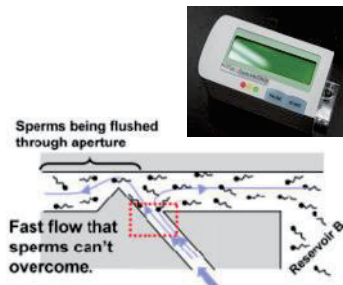
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History – sperm check devices

Microchannel detection

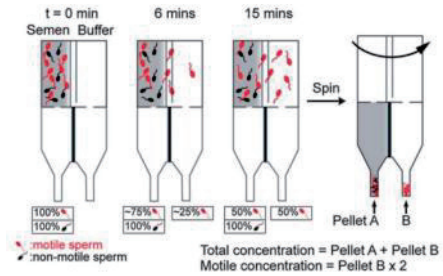


Microfluidics and Nanofluidics,
10, 59-67, 2011.



Clinical Chemistry (Journal Cover), v. 59, p.493-501, 2013.

CD-based sperm counting



Analyst, 2013, 138 (17), 4967 – 4974.

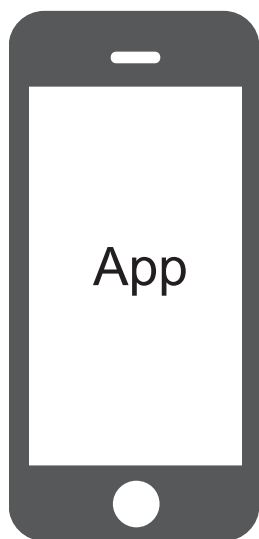
如何更方便、簡單、快速？

安全與衛生？

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軟體、硬體整合



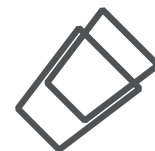
行動裝置/App

+



高解析鏡頭

+



晶片耗材

- 快速取樣
- 精準定量
- 一次使用

iSperm

精準檢驗精子資訊
To see, is to believe.



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軟硬整合

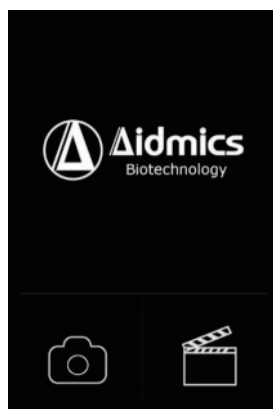


精微射出微流晶片

- 快速取樣
- 精準定量
- 一次使用

獨家精子分析App軟體

One-click 完成快速分析



Aidmics Biotechnology		
Category	Total	Motile
Cells Counted	187	104
Concentration (million/ml)	15.33	8.53
Percent (%)	100	55

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畜牧業精子檢測



4:36 PM 40%

Concentration: 46.88 million/ml
Motile: 80 If the concentration is more than 50 million, the motile will be overestimated.

Swine ID Test

Pre-testing Semen Volume: 1000 ml
Dose Volume: 100 ml

Number of Motile Sperm per Dose: 3 billion/dose Note

CALCULATE

Total Number of Motile Sperm	Extender Volume of Preservation Medium	Number of Doses
billion	ml	dose

Home Save

4:36 PM 40%

Concentration: 46.88 million/ml
Motile: 80 If the concentration is more than 50 million, the motile will be overestimated.

Swine ID Test

Pre-testing Semen Volume: 1000 ml
Dose Volume: 100 ml

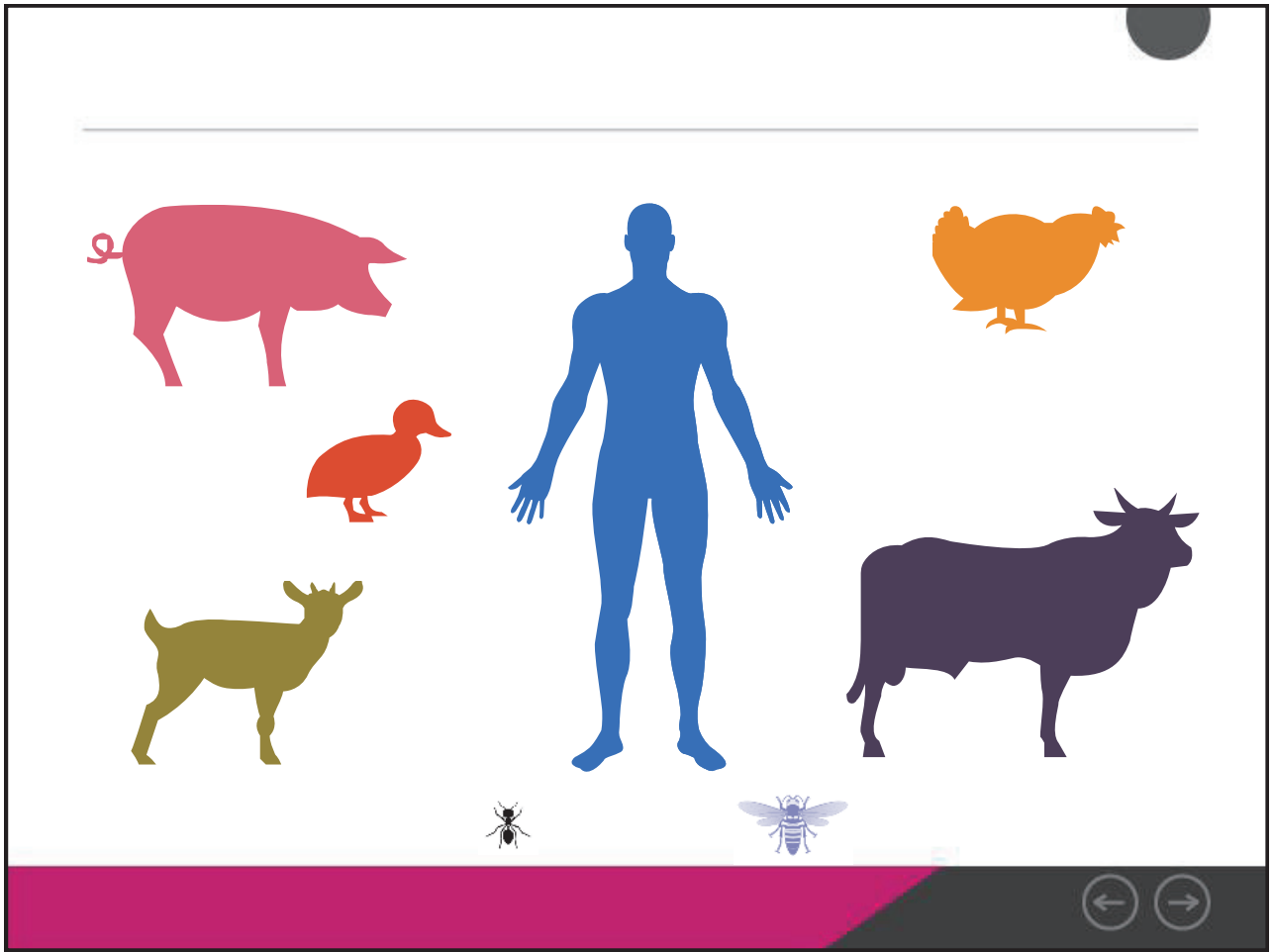
Number of Motile Sperm per Dose: 3 billion/dose Note

CALCULATE

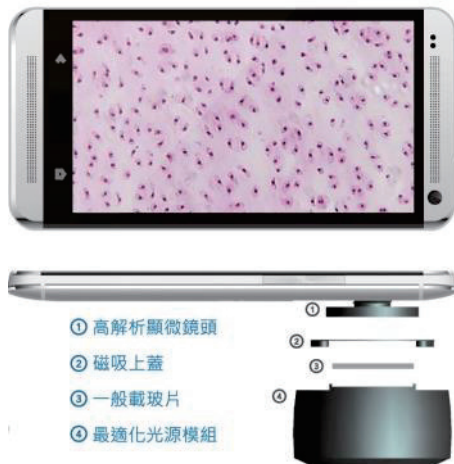
Total Number of Motile Sperm	Extender Volume of Preservation Medium	Number of Doses
37.50 billion	250.1 ml	12.5 dose

Home Save





μ Handy行動顯微鏡



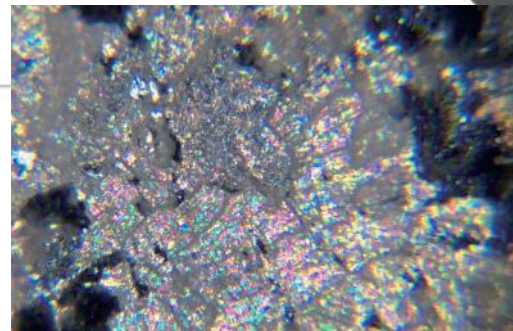
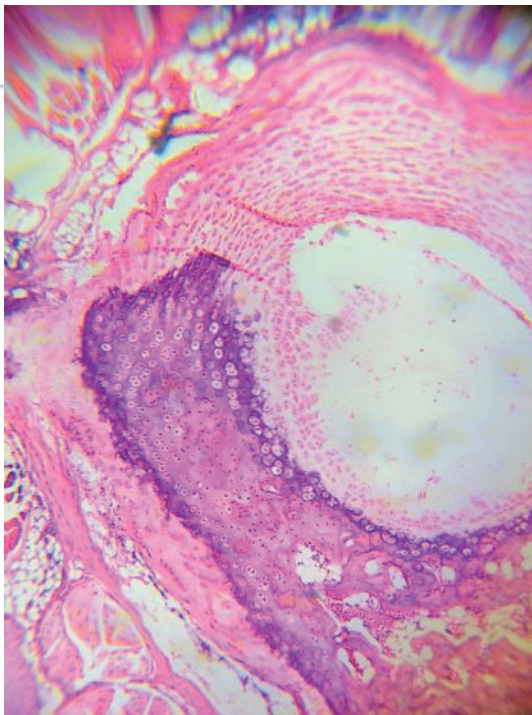
- ① 高解析顯微鏡頭
- ② 磁吸上蓋
- ③ 一般載玻片
- ④ 最適化光源模組

μ Handy

高解析透光式隨身顯微鏡
Explore the microscopic world.

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醫學切片 偏光分析





Agean Lin
CEO



Osbert Lin
Product



Andre Chen
Technology



Sean Chiang
Engineering



Erin Tseng
Finance



Jolanda Hsu
Marketing

Thank you very much!

歡迎蒞臨指教：台北市中山區中山北路二段嘉新水泥第二大樓 9F 918室
(時代基金會 Garage+)

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