

BioBusiness Asia 2009

Company Name	DNA LABORATORIES SDN BHD			
Presenter	Calvin Thien	Title	CEO	
Address	B1-3 & B1-4, Block Plasma, UKM-MTDC Technology Centre, 43650 Bangi, Selangor, Malaysia.			
Website	www.dna-laboratories.com			
No. of employee	20	Year of foundation	3	
Company Categories	<input type="checkbox"/> Novel Therapeutics <input type="checkbox"/> Genomics <input type="checkbox"/> Pharmaceuticals <input checked="" type="checkbox"/> R&D Service <input checked="" type="checkbox"/> Medical Diagnostic Kit <input type="checkbox"/> Other <u>Medical Laboratories</u>			
Paid-in Capital	USD300,000.00			
Company Stage	<input type="checkbox"/> Seed <input type="checkbox"/> Start up <input checked="" type="checkbox"/> Expansion <input type="checkbox"/> Mezzanine			
Company Overview	<p>DNA Laboratories Sdn. Bhd. (DNA LAB) is an expanding, independent laboratory that specializes in developing DNA test assays and molecular diagnostic kits and providing genetic screening and molecular diagnostic services in Malaysia. DNA LAB possesses the capabilities to research, design, develop and manufacture <i>in vitro</i> Molecular Diagnostic Kits (MDK) with specific biomarkers for the detection of both genetic inherited diseases of family inherited predisposition genes and infectious agents.</p>			
Company History	<p>DNA Laboratories Sdn. Bhd. (DNA Lab) is a BioNexus Status company awarded by Ministry of Science, Innovation & Technology, Malaysia. DNA Lab is currently as leading DNA genetics or molecular diagnostic laboratory provides reference functions in screening and diagnostic services for all Obstetrician & Gynecologist, Pediatrics and GP clinics and hospitals in Malaysia. DNA genetics analysis is undertaken on body fluid including amniotic fluid, blood, tissue samples, and on DNA samples received from other centre.</p> <p>The impetus for DNA Lab to grow is driven by the desire to improve the quality of people's lives as well as to the betterment of patient care at a lower and more reasonable cost. The eventual savings in health care and medical costs will greatly offset the costs of molecular diagnosis and screening.</p>			

<p>Main Products/ Service & Niche of Products/ Service</p>	<p>1/ <u>Fetal/Maternal healthcare</u> such as early genetic abnormalities detection of Down's Syndrome (1/800 newborn), Edwards' Syndrome(1/3,000 newborn) and Patau's Syndrome (1/5,000 newborn), Klinefelter Syndrome and also Triple X Syndrome. DNA Lab has developed a localized molecular diagnostic kit named ChromosomesCheck™ which was performed on more than 500 tests with 100% accuracy by validation of Karyotyping, the gold standard of conventional cytogenetic method. However, the major advantage of ChromosomesCheck™ is the speed in which the results can be obtained as it only takes 2 turnaround days upon sample being received whereas the Karyotyping might take 10-14 days. This rapid test would therefore definitely reduce the anxiety of patients who are in the high risk pregnancy group either because of screening results, higher maternal age or with previous genetic abnormalities birth or family history.</p> <p>2/ <u>Single Gene Disorder Detection</u> such as Thalassemia Carrier Detection which is the most commonest single gene disorder in Malaysia, DNA Lab has developed a molecular diagnostic kit named ThalaCheck® which will be launched in conjunction of BioMalaysia 2009 on Nov 17-19, 2009.</p>
<p>Market Potentials</p>	<p>1/ Fetal/Maternal Healthcare Sector [ChromosomesCheck™ and ThalaCheck®] 2/ Women Healthcare Sector [HPV XpressMatrix™]</p>
<p>Company Core Competence or Competitive Advantage</p>	<p>One Stop Molecular Diagnostic & Screening Centre for Fetal/Maternal and Women Healthcare Centre with commercialization of in-house R&D.</p>
<p>Partnering Objectives</p>	<p>Collaboration for R&D of Molecular Diagnostic Kit and Analytical Platform. Also partnership in oversea operation and marketing.</p>