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Located in the hinterland of the Pearl River Delta, Nanhai District of Foshan is bordered by Guangzhou to the east and by Hong Kong and Macau to the south. Nanhai has its unique geometric advantages and advanced traffic networks since it is a part of the Guangdong–Hong Kong–Macau economic cooperation zone as well as the incorporated geographic center of Pearl River Delta, and in the core zone of Guangzhou–Foshan metropolitan Area. As one of the “Four Kwong Tung Tigers”, Nanhai has been repeatedly ranked in the top 3 positions in the “Top 100 Counties of China”. It is also the pioneer city in Guangdong to carry out the reform and opening up policy.

The regional GDP of Nanhai was 222.7 billion RMB in 2015, ranked No. 2 for its comprehensive strength among cities in the same tier.

<table>
<thead>
<tr>
<th>Area under administration</th>
<th>1073.8 Km²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Permanent resident population</td>
<td>2.65 million</td>
</tr>
<tr>
<td>Various market subjects</td>
<td>180430 household</td>
</tr>
<tr>
<td>Number of foreign investment enterprises</td>
<td>1945</td>
</tr>
<tr>
<td>“Fortune 500” projects</td>
<td>38</td>
</tr>
</tbody>
</table>
Industries in Nanhai

Nanhai has a prominent advantage of manufacturing. Its total industrial output value has reached 579.5 billion RMB and its products are famous in China, such as its mechanical equipment, aluminum profile, textile and garment. The service industry is growing rapidly in Nanhai. The Guangdong High Tech Service Zone for Finance Industries was established in Nanhai and has become an important financial center and financial supporting service center in Southern China.

Livable Nanhai

Nanhai is a highly civilized city worth visiting. It is also considered as the national sanitary city, one of the pilot cities for promoting information technology, national demonstration zone of technological innovation, and one of the highly-educated cities in Guangdong. With the beautiful environment, enlightened culture, prosperous economy and well-constructed recreational infrastructures, Nanhai is a desirable place for living as well as working.

Transportation in Nanhai

From Nanhai, it only takes about 20 minutes to Guangzhou South Railway Station by taking the subway and it takes about 40 minutes to Guangzhou Baiyun International Airport and 2 hours to Hong Kong and Macau. Nanhai is equipped with 5 freight terminals like Sanshan Harbor International Freight Terminal, which is able to reach Hong Kong Port directly. Moreover, it is close to Huangpu and Nansha Deepwater Port.
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iPLEX reference standards are now available for performance verification of oncology assays used on the MassARRAY System. The standards contain somatic variants in key oncogenic genes implicated in colon, lung, and skin cancers. Made from genetically engineered cell lines, these standards will be provided at fixed and known allelic frequencies, thereby mimicking real patient tumors. The MassARRAY System enables rapid assay development for targeted and highly sensitive mutation analysis. Tens to hundreds of actionable genetic variants are easily tested. The system is used globally in diverse research fields such as cancer profiling for solid tumor and liquid biopsies, inherited genetic disease testing, pharmacogenetics, agricultural genomics, and clinical research. However, robust assay performance requires up-front analytical verification and validation. These standards will be a valuable resource for laboratories to speed analytical validation and will serve as ongoing positive controls, complementing laboratories’ evaluation of clinical research specimens.

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Matched recombinant, monoclonal antibody pair kits provide assays with reproducible, sensitive, and high-throughput detection. Matched antibody pairs are central to enzyme-linked immunosorbent assays (ELISAs), which are widely used to study secreted biomarkers and are fundamental to research in areas such as immunology and cancer. Using patented recombinant monoclonal antibody technology such as RabMab, the pairs avert the reproducibility and scalability challenges previously faced by researchers, which cause variability in results. The pairs are screened for sensitive performance and rigorously tested in a variety of complex sample types including plasma, serum, and cell lysates. These optimized pairs are already part of Abcam’s SimpleStep ELISA kits, and will now be available as stand-alone matched antibody pair kits. The new stand-alone, high-volume format provides greater flexibility to researchers and facilitates cost-effective drug discovery by enabling scale-up from small pilot studies to large-scale, high-throughput assay platforms.

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**Arc Process Sensors**

ArcAir enables reliable, economical Bluetooth 4.0 wireless connectivity in all environments. The new Bluetooth capability allows users to view or control Hamilton Arc sensors from numerous devices, including smartphones and tablets. ArcAir apps are available for both Android and iOS platforms in three versions: ArcAir Lite (free), ArcAir Basic, and ArcAir Advanced. Arc sensor technology has a built-in microprocessor that provides direct digital and analog communication and eliminates the need for separate transmitters. Arc sensors have improved process measurement accuracy and speed while reducing installation and maintenance costs. The ArcAir mobile application for pH, dissolved oxygen, and conductivity measurements can communicate wirelessly up to 30 individual sensors at the same time. Hamilton also offers a Bluetooth version of its GMP Compliant Package software, which works with ArcAir Advanced and provides centralized management of users and validation reports for calibration, verification, configuration, and communication.

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