ADVANCED DIAGNOSTICS

CAPABILITIES BRIEF

Eagle Health Analytics, LLC (EHA) is a certified 8(a) Alaska Native Corporation (ANC) that contracts with federal agencies and military partners through both the direct award and competitive procurement processes. We are a leader in advanced diagnostics and new modalities of disease identification. Our established expertise and partnerships in this area allowed us to immediately respond to the emergence of SARS-CoV-2 and contribute to the development and implementation of accurate diagnostic tests and assays.

As a small business, EHA is singularly qualified to support federal programs in spheres where previously only large companies have been players. Our 8(a) status allows EHA to accept direct awards (sole-source contracts) up to $22 million. Awards to an 8(a) ANC cannot be protested.

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EAGLE HEALTH ANALYTICS
SBA Certified 8(a) Contractor
Primary NAICS: 541715
EHA DUNS: 081341367
EHA Cage Code: 85TV8

SBA CONTACT
Please contact us directly for information on our SBA Officer.

NOVEL DIAGNOSTIC MODALITIES

EHA supported the evaluation of the FilmArray® Instrument for use in the diagnosis of respiratory infections. We facilitated the research collboration, drafted research protocols, and oversaw the expansion to multiple additional testing sites. EHA worked closely with the Center for Global Health (CGH) to implement the Pima™ Analyser, a point-of-care CD4 rapid testing tool. EHA also recruited subject matter experts specializing in coronaviruses; our experts consulted on dynamic coronavirus testing methodologies and refined the diagnostic process in order to develop a kit with improved false positive and false negative rates.

ADVANCED MOLECULAR DETECTION

EHA supports the CDC through a contract for bioinformatics and Advanced Molecular Detection (AMD). Our employees assisted dozens of Principal Investigators with key projects. CDC's AMD program introduces rapid technological innovation to join trusted methods with exciting new horizons in disease detection. By increasing critical next generation sequencing and bioinformatics capacities, the CDC and state health departments will gain ground in the battle to control infectious diseases including the fight against novel infections and global pandemic responses.

PERSONALIZED MEDICINE INNOVATION

EHA scientists provided critical subject matter expertise to the overall design of a panel consisting of seventeen different single nucleotide polymorphisms (SNPs) associated with an increased prevalence of Type 2 Diabetes (T2D). Active-duty service members were tested using an IRB-approved protocol. The results of this diagnostic test drive a "Personalized Medicine" approach for the early detection of T2D. This project demonstrates the promise of using SNPs to determine risk level as a predictive tool to identify individuals that may benefit from lifestyle modification and preventative intervention.

PARTNERS

- Clinical Research Laboratory at Keesler AFB
- Idaho Technologies
- Center for Global Health (CGH), International Laboratory Branch (ILB)
- Office of Advanced Molecular Detection (AMD)
- U.S. Air Force Chief Scientist Office at Lackland AFB
- FilmArray® Instrument
- Pima™ Analyser
- U.S. Air Force Diabetes Prevention Program

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