

# North Carolina State Laboratory of Public Health

## Hemachemistry

In January 2012, a committee of experts recommended that the CDC change its "blood lead level of concern."

The recommendation was based on a growing number of scientific studies that show that even low blood lead levels can cause lifelong health effects.

The newest methodologies including ICP/MS (Inductively Coupled Plasma Mass Spectrometer) are now performed at the North Carolina State Laboratory of Public Health (NCSLPH). In addition, a multi-tier approach to follow-up has been adopted with an overall goal of reducing children's blood lead levels below 5  $\mu\text{g}/\text{dL}$ .

Decreases in abnormal Blood Lead levels since 2010 as well as a decrease in number of unsatisfactory samples is due to partnerships with providers

### INDUCTIVELY COUPLED PLASMA MASS SPECTROMETER



<http://www.perkinelmer.com/Catalog/Product/ID/NB140001>

