Comparison of Liaison N-tact PTH (Diasorin) and N-tact PTH
SP IRMA (Diasorin) in hemodialyzed patients

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Keywords: chemiluminescence; hemodialyze; parathyroid hormone.

In a recent report, Soubrier et al. (1) showed good correlation (r=0.92; p<0.001) between intact parathyroid hormone (PTH) concentrations measured with the Alcat™ assay (Nichols Institute, San Juan Capistrano, CA, USA), and the Liaison® assay (Diasorin, Stillwater, CA, USA). The authors found the correlation coefficient to be 0.79, which is comparable to the Liaison® assay. We performed an analysis of our hospital's data on 80 hemodialyzed patients using the new Liaison® assay. We compared the results with the PTH levels obtained using the Alcat™ assay. The correlation coefficient was 0.95, which is slightly lower than the correlation coefficient reported by Soubrier et al. (1). This is likely due to the different patient populations used in the studies. The limit of detection for the Liaison® assay was 1.8 ng/l, which is comparable to the Alcat™ assay. The upper limit of normal for the Liaison® assay was 34 ng/l, which is slightly higher than the limit reported by Soubrier et al. (1).

Acknowledgments


References

References

In order to perform a detailed analysis, one should consider using a methodological approach tailored to each specific case. For instance, when choosing the best method to determine the PTH level, it is crucial to have accurate and reliable data. The use of contemporary laboratory techniques, such as immunoassays or mass spectrometry, can significantly improve the accuracy of the results. Furthermore, it is essential to consider the patient's history, lifestyle, and any ongoing treatments, as these factors can influence the PTH levels.

In conclusion, the determination of PTH levels is a complex process that requires careful consideration of various factors. By using the most appropriate methodology, healthcare providers can ensure accurate and reliable results, leading to better patient outcomes.