Supplementary Information


Supplement: Bioactivities of Novel Metal Complexes Involving B Vitamins and Glycine

Supplementary Figure 1: IR spectral patterns of [CuNAGCl]2H2O.

*Corresponding author: Ahmed E. Fazary: Chemistry Department, Faculty of Science, King Khalid University, Abha 9004, Kingdom of Saudi Arabia; Applied Research Sector, Egyptian Organization for Biological Products and Vaccines (VACSERA Holding Company), 51 Wezaret El-Zeraa St., Agouza, Giza, Egypt, E-mail: aefazary@gmail.com; afazary@kku.edu.sa

Yi-Hsu Ju: Chemical Engineering Department, National Taiwan University of Science and Technology, 43 Keelung Rd., Taipei, Taiwan

Aisha Q. Rajhi, Ayed S. Alshihri, Khaled F. Fawy, Hisham S. M. Abd-Rabboh: Chemistry Department, Faculty of Science, King Khalid University, Abha 9004, Kingdom of Saudi Arabia

Mohammad Y. Alfaifi, Mohammed A. Alshehri, Kamel A Saleh: Biology Department, Faculty of Science, King Khalid University, Abha 9004, Kingdom of Saudi Arabia

Hisham S. M. Abd-Rabboh: Department of Chemistry, Faculty of Science, Ain Shams University, Cairo 11566, Egypt

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Supplementary Figure 2: IR spectral patterns of [NiNAG(NO$_3$)$_2$].2H$_2$O.

Supplementary Figure 3: IR spectral patterns of [FeNAG(NO$_3$)$_2$].2H$_2$O.

Supplementary Figure 4: IR spectral patterns of [PbNAG(NO$_3$)$_2$].2H$_2$O.
**Supplementary Figure 5:** IR spectral patterns of [CdNAGCl₂]₂H₂O.

**Supplementary Figure 6:** IR spectral patterns of [MnNAGCl₂]₂H₂O.

**Supplementary Figure 7:** IR spectral patterns of [CuFAGCl₂]₂H₂O.
Supplementary Figure 8: IR spectral patterns of [NiFA(NO$_3$)$_2$]$_2$H$_2$O.

Supplementary Figure 9: IR spectral patterns of [FeFA(NO$_3$)$_2$]$_2$H$_2$O.

Supplementary Figure 10: IR spectral patterns of [PbFA(NO$_3$)$_2$]$_2$H$_2$O.
Supplementary Figure 11: IR spectral patterns of [CdFAGCl₂]₂H₂O.

Supplementary Figure 12: IR spectral patterns of [MnFAGCl₂]₂H₂O.
Supplementary Figure 13: $^1$H NMR spectral patterns of $[\text{CuNAGCl}_2] \cdot 2\text{H}_2\text{O}$.

Supplementary Figure 14: $^{13}$C NMR spectral patterns of $[\text{CuNAGCl}_2] \cdot 2\text{H}_2\text{O}$. 
Supplementary Figure 15: $^1$H NMR spectral patterns of [FeNAG(NO$_3$)$_2$].2H$_2$O.

Supplementary Figure 16: $^{13}$CNMR spectral patterns of [FeNAG(NO$_3$)$_2$].2H$_2$O.
Supplementary Figure 17: $^1$H NMR spectral patterns of [CuFAGCl₂].2H₂O.

Supplementary Figure 18: $^{13}$C NMR spectral patterns of [CuFAGCl₂].2H₂O.

Supplementary Figure 19: XRD spectral patterns of [CuNAGCl₂].2H₂O.

Supplementary Figure 20: XRD spectral patterns of [NiNAG(NO₃)₂].2H₂O.
Supplementary Figure 21: XRD spectral patterns of $[\text{FeNAG(NO}_3\text{)}_2]_{2\text{H}_2\text{O}}$.

Supplementary Figure 22: XRD spectral patterns of $[\text{PbNAG(NO}_3\text{)}_2]_{2\text{H}_2\text{O}}$.

Supplementary Figure 23: XRD spectral patterns of $[\text{CdNAGCl}_2]_{2\text{H}_2\text{O}}$.

Supplementary Figure 24: XRD spectral patterns of $[\text{MnNAGCl}_2]_{2\text{H}_2\text{O}}$.

Supplementary Figure 25: XRD spectral patterns of $[\text{CuFAGCl}_2]_{2\text{H}_2\text{O}}$.

Supplementary Figure 26: XRD spectral patterns of $[\text{NiFAG(NO}_3\text{)}_2]_{2\text{H}_2\text{O}}$. 
Supplementary Figure 27: XRD spectral patterns of \([\text{FeFAG(NO}_3\text{)}_2]_{\text{2H}_2\text{O}}\).

Supplementary Figure 28: XRD spectral patterns of \([\text{PbFAG(NO}_3\text{)}_2]_{\text{2H}_2\text{O}}\).

Supplementary Figure 29: XRD spectral patterns of \([\text{CdFAGCl}_2]_{\text{2H}_2\text{O}}\).

Supplementary Figure 30: XRD spectral patterns of \([\text{MnFAGCl}_2]_{\text{2H}_2\text{O}}\).

Supplementary Figure 31: TG and DTG Curves of \([\text{CuNAGCl}_2]_{\text{2H}_2\text{O}}\).

Supplementary Figure 32: TG and DTG Curves of \([\text{FeNAG(NO}_3\text{)}_2]_{\text{2H}_2\text{O}}\).
Supplementary Figure 33: TG and DTG Curves of [CuFAGCl]$_2$H$_2$O.

Supplementary Figure 34: Cytotoxic activities of different metal complexes.

Supplementary Figure 35: Antioxidant activities of different metal complexes.