

ABSTRAK

Helda Tiarli Manullang, NIM 4201141024 (2020). Analisis Keterampilan Proses Sains dan Sikap Ilmiah Siswa Kelas XI pada Materi Sistem Ekskresi di SMA Negeri 1 Pangururan Kabupaten Samosir.

Penelitian ini bertujuan untuk mengetahui keterampilan proses sains dan sikap ilmiah siswa kelas XI MIA pada materi Sistem Ekskresi di SMA Negeri 1 Pangururan. Penelitian ini merupakan penelitian deskriptif dengan pendekatan kuantitatif. Populasi dalam penelitian ini adalah seluruh siswa kelas XI MIA SMA Negeri 1 Pangururan dengan teknik pengambilan sampel yaitu *purposive sampling* yang digunakan dengan menggunakan kriteria tertentu atau secara sengaja dimana sampelnya berjumlah 67 siswa. Teknik pengumpulan data dilakukan dengan soal tes pilihan berganda dan angket sikap ilmiah. Hasil analisis data yang diperoleh pada keterampilan proses sains diperoleh rata-rata persentase sebesar 61.79% dimana ini termasuk kategori baik. Sementara pada angket sikap ilmiah diperoleh rata-rata persentase sebesar 69% yang kategorinya baik. Sehingga dapat disimpulkan keterampilan proses sains dan sikap ilmiah siswa kelas XI MIA di SMA Negeri 1 Pangururan berkategori baik.

Kata Kunci: Keterampilan Proses Sains, Sikap Ilmiah, Sistem Ekskresi



ABSTRACT

Helda Tiarli Manullang, NIM 4201141024 (2020). Analysis of Science Process Skills and Scientific Attitudes of Grade XI Students on Excretory System Materials at SMA Negeri 1 Pangururan, Samosir Regency.

This study aims to determine the science process skills and scientific attitudes of grade XI MIA students on the Excretory System topic at SMA Negeri 1 Pangururan. This research is a descriptive research with a quantitative approach. The population in this study is all students of class XI MIA SMA Negeri 1 Pangururan with a sampling technique, namely purposive sampling which is used using certain criteria or deliberately where the sample is 67 students. The data collection technique was carried out with multiple-choice test questions and a scientific attitude questionnaire. The results of data analysis obtained on science process skills were obtained with an average percentage of 61.79% where this was included in the good category. Meanwhile, in the scientific attitude questionnaire, an average percentage of 69% was obtained which was in the good category. It can be concluded that the science process skills and scientific attitudes of grade XI MIA students at SMA Negeri 1 Pangururan are in the good category.

Keywords: Science Process Skills, Scientific Attitudes, Excretory System

